

# MIPOL1 Rabbit pAb

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Catalog # AP57321

## Product Information

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| <b>Application</b>             | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Primary Accession</b>       | <a href="#">Q8TD10</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Calculated MW</b>           | 51537                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human MIPOL1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Epitope Specificity</b>     | 1-100/442                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>DISEASE</b>                 | A chromosomal aberration involving MIPOL1 is found in a patient with mirror-image polydactyly of hands and feet without other anomalies (MIP). Translocation t(2;14)(p23.3;q13). MIP is a very rare congenital anomaly characterized by mirror-image duplication of digits. MIP is occasionally associated with dimelia of the ulna and fibula, tibial and/or fibular hypoplasia, nasal abnormality and other malformations. Most MIP cases are sporadic, but very rare parent-child transmissions observed in familial cases suggest an autosomal mode of inheritance. |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Background Descriptions</b> | This gene encodes a coiled-coil domain-containing protein. The encoded protein may function as a tumor suppressor. A translocation that results in truncation of the protein encoded by this locus has been associated with mirror-image polydactyly, also known as Laurin-Sandrow Syndrome. Alternatively spliced transcript variants have been described. [provided by RefSeq, Sep 2010]                                                                                                                                                                              |

## Additional Information

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| <b>Gene ID</b>     | 145282                                                                                                                                                                                          |
| <b>Other Names</b> | Mirror-image polydactyly gene 1 protein, MIPOL1                                                                                                                                                 |
| <b>Dilution</b>    | WB=1:500-2000                                                                                                                                                                                   |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>            | MIPOL1                                                                                                                               |
| <b>Tissue Location</b> | Expressed very weakly in heart, liver, skeletal muscle, kidney, pancreas and fetal kidney. Not detected in brain, placenta and lung. |

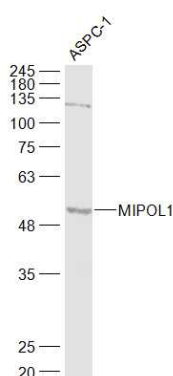
## Background

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## Images

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Sample:  
ASPC-1(Human) Cell Lysate at 30 ug  
Primary: Anti-MIPOL1 (AP57321) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 52 kD  
Observed band size: 52 kD

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