

# Anti-MPP1 Rabbit Monoclonal Antibody

Catalog # ABO16351

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                |
| <b>Primary Accession</b> | <a href="#">Q00013</a>                                                                            |
| <b>Host</b>              | Rabbit                                                                                            |
| <b>Isotype</b>           | IgG                                                                                               |
| <b>Reactivity</b>        | Human                                                                                             |
| <b>Clonality</b>         | Monoclonal                                                                                        |
| <b>Format</b>            | Liquid                                                                                            |
| <b>Description</b>       | Anti-MPP1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human. |

## Additional Information

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 4354                                                                                                                                       |
| <b>Other Names</b>         | 55 kDa erythrocyte membrane protein, p55, Membrane protein, palmitoylated 1, MPP1, DXS552E, EMP55                                          |
| <b>Calculated MW</b>       | 52296                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000                                                                                                                            |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 28M87                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human MPP1                                                                                              |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | MPP1                                                                                                                                                                                         |
| <b>Synonyms</b> | DXS552E, EMP55                                                                                                                                                                               |
| <b>Function</b> | Essential regulator of neutrophil polarity. Regulates neutrophil polarization by regulating AKT1 phosphorylation through a mechanism that is independent of PIK3CG activity (By similarity). |

## Cellular Location

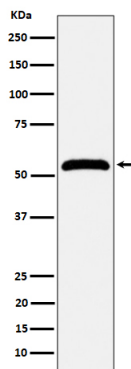
Cell membrane; Lipid-anchor. Cell projection, stereocilium {ECO:0000250|UniProtKB:P70290}. Note=Colocalizes with WHRN at stereocilium tip during hair cell development (By similarity) Colocalizes with PALS1 in the retina, at the outer limiting membrane (OLM) (By similarity). Colocalizes with WHRN in the retina, at the outer limiting membrane (OLM), outer plexiform layer (OPL), basal bodies and at the connecting cilium (CC) (By similarity). Colocalizes with NF2 in non-myelin-forming Schwann cells (PubMed:19144871) {ECO:0000250|UniProtKB:P70290, ECO:0000269|PubMed:19144871}

## Tissue Location

Ubiquitous..

## Images

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Western blot analysis of MPP1 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.