

# RASSF6 Rabbit pAb

Catalog # AP98183

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF, E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Primary Accession</b>       | <a href="#">Q6ZTQ3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Other Accession</b>         | <a href="#">Q6ZTQ3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated MW</b>           | 43384                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human RASSF6                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Epitope Specificity</b>     | 211-310/369                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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>SIMILARITY</b>              | Contains 1 Ras-associating domain.Contains 1 SARAH domain.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>SUBUNIT</b>                 | Interacts with MOAP1 (By similarity). Interaction with activated KRAS is still a matter of debate: interaction has been shown in the mouse (PubMed:17404571), but not in human (PubMed:17367779). Lack of interaction with MRAS, NRAS nor RAS2 has also been reported (PubMed:17367779).                                                                                                                                                                                                                    |
| <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 member of the Ras-association domain family (RASSF). Members of this family form the core of a highly conserved tumor suppressor network, the Salvador-Warts-Hippo (SWH) pathway. The protein encoded by this gene is a Ras effector protein that induces apoptosis. A genomic region containing this gene has been linked to susceptibility to viral bronchiolitis. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jul 2012]. |

## Additional Information

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| <b>Gene ID</b>     | 166824                                                                                                                                                                                          |
| <b>Other Names</b> | RASF6_HUMAN; RASSF6; Ras association domain family member 6; Ras association (RalGDS/AF-6) domain family member 6                                                                               |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                                                 |
| <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>            | RASSF6                                                                                                                                                                                                                                                                             |
| <b>Function</b>        | Involved in the induction of apoptosis, through both caspase- dependent and caspase-independent pathways. May act as a Ras effector protein. May suppress the serum-induced basal levels of NF-kappa-B (By similarity).                                                            |
| <b>Tissue Location</b> | Highest expression in thymus, kidney and placenta. Also detected in colon, small intestine and lung. Tends to be down- regulated in 30-60% of tumors derived from breast, colon, kidney liver, rectum, pancreas, stomach and the thyroid gland compared to the normal counterpart. |

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