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RASSF6 Rabbit pAb

Catalog # AP98183

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q6ZTQ3
Other Accession	Q6ZTQ3
Predicted	Rat, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43384
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RASSF6
Epitope Specificity	211-310/369
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 Ras-associating domain.Contains 1 SARAH domain.
SUBUNIT	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 RRAS2 has also been reported (PubMed:17367779).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	166824
Other Names	RASF6_HUMAN; RASSF6; Ras association domain family member 6; Ras association (RalGDS/AF-6) domain family member 6
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	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

Name	RASSF6
Function	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).
Tissue Location	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'.