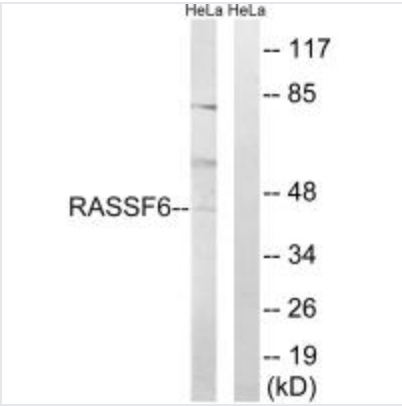
RASSF6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RASSF6, Polyclonal Antibody
Full Product Name	RASSF6 Antibody
Product Gene Name	anti-RASSF6 antibody
Product Synonym Names	Ras association domain-containing protein 6
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total RASSF6 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	35,809 Da
OMIM	612620
3D Structure	ModBase 3D Structure for Q6ZTQ3
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human RASSF6.
Target Name	RASSF6
Product Categories/Family for anti-RASSF6 antibody	Total protein Ab
Applications Tested/Suitable for anti-RASSF6 antibody	Western Blot (WB)
Application Notes for anti-RASSF6 antibody	Western blotting: 1:500~1:3000
Related Product Information for anti-RASSF6 antibody	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.Burbee D.G., Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.Ota T., Nat. Genet. 36:40-45(2004).Bechtel S., BMC Genomics 8:399-399(2007)
Other Notes	Small volumes of anti-RASSF6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RASSF6 purchase	MBS9414003 is an antibody targeting RASSF6. Also known as RASSF6 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RASSF6 antibody
Western blot analysis of extracts from HeLa cells, using RASSF6 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RASSF6. It may not necessarily be applicable to this product.

NCBI GI #	393715061
NCBI GeneID	166824
NCBI Accession #	NP_001257320.1
UniProt Primary Accession #	Q6ZTQ3
UniProt Secondary Accession #	Q68DT2; Q6PDA6; Q86WG9; Q86WH0
UniProt Related Accession #	Q6ZTQ3
GenBank Nucleotide #	NM_001270391.1
NCBI Official Full Name	ras association domain-containing protein 6 isoform c
NCBI Official Synonym Full Names	Ras association (RalGDS/AF-6) domain family member 6
NCBI Official Symbol	RASSF6
UniProt Protein Name	Ras association domain-containing protein 6
Protein Family	Ras association domain-containing protein
UniProt Gene Name	RASSF6
UniProt Entry Name	RASF6_HUMAN
NCBI Protein Information	ras association domain-containing protein 6
NCBI Summary for RASSF6	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]
UniProt Comments for RASSF6	RASSF6: 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. 4 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 4q13.3 Molecular Function: protein binding Biological Process: positive regulation of apoptosis; apoptosis; signal transduction

Research Articles on RASSF6	**1.** RASSF6 exhibits promoter hypermethylation in metastatic melanoma and inhibits invasion in melanoma cells.RASSF6 exhibits the highest frequency of inactivation in melanoma and in melanoma brain metastases.
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