



Rabbit Anti-RASSF6 antibody

SL5955R

Product Name:	RASSF6
Chinese Name:	RAS家族关联结构域蛋白6抗体
Alias:	Putative RAS binding protein; Ras association domain containing protein 6.RASF6_HUMAN
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RASSF6:211-310/369
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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].

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).

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).

Tissue Specificity:

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.

Similarity:

Contains 1 Ras-associating domain.
Contains 1 SARAH domain.

SWISS:

Q6ZTQ3

Gene ID:

166824

Database links:

[Entrez Gene: 166824](#)Human

[Omir: 612620](#)Human

[SwissProt: Q6ZTQ3](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.