

Rabbit anti-Human RASSF6 Polyclonal Antibody | anti-RASSF6 antibody

RASSF6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325038	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

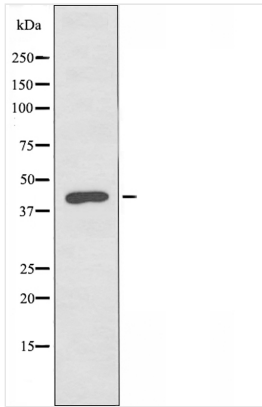
PRODUCT SYNONYMS

RASSF6; Polyclonal Antibody; RASSF6 Antibody; Putative RAS binding protein; Ras association (RalGDS/AF 6) domain family 6; Ras association (RalGDS/AF 6) domain family member 6; Ras association domain containing protein 6; Ras association domain family member 6; anti-RASSF6 antibody

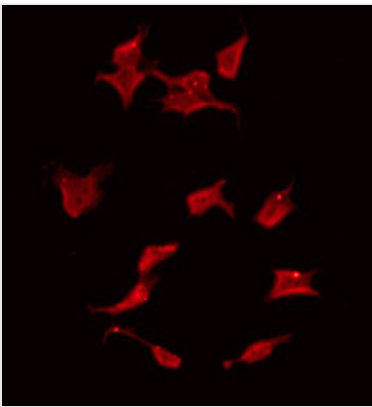
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	RASSF6 antibody detects endogenous levels of total RASSF6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	303
Applicable Applications for anti-RASSF6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
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.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog
Similarity	Pig (90%), Horse (92%), Sheep (91%), Rabbit (92%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



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



IF (Immunofluorescence)
AAA325038 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RASSF6 antibody	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 Structure: 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).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	393715061
NCBI GeneID	166824
NCBI Accession #	NP_001257320.1
NCBI GenBank Nucleotide #	NM_001270391.1
UniProt Accession #	Q6ZTQ3; Q68DT2; Q6PDA6; Q86WG9; Q86WH0
Molecular Weight	Observed: 45 kD Predicted: 44 kDa
NCBI Official Full Name	ras association domain-containing protein 6 isoform c
NCBI Official Synonym Full Names	Ras association domain family member 6
NCBI Official Symbol	RASSF6
NCBI Protein Information	ras association domain-containing protein 6
UniProt Protein Name	Ras association domain-containing protein 6
UniProt Gene Name	RASSF6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.