

Rabbit RASSF2 Polyclonal Antibody | anti-RASSF2 antibody

RASSF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327487	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RASSF2; Polyclonal Antibody; RASSF2 Antibody; CENP 34; Centromere protein 34; Ras association (RalGDS/AF 6) domain family 2; Ras association (RalGDS/AF-6) domain family member 2; Ras association domain containing protein 2; Ras association domain-containing protein 2; RASF2_HUMAN; RASFADIN; RP4-599I11.1; anti-RASSF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RASSF2 antibody detects endogenous levels of total RASSF2
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	326
Applicable Applications for anti-RASSF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RASSF2
Subcellular Location	Nucleus.
Tissue Specificity	Widely expressed with highest levels in brain, placenta, peripheral blood and lung. Frequently down-regulated in lung tumor cell lines.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327487 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of RASSF2 using HepG2 whole cell lysates



IF (Immunofluorescence)

AAA327487 staining Hela cells 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) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RASSF2 antibody	Function: Potential tumor suppressor. Acts as a KRAS-specific effector protein. May promote apoptosis and cell cycle arrest. Stabilizes STK3/MST2 by protecting it from proteasomal degradation. Subunit Structure: Interacts directly with activated KRAS in a GTP-dependent manner. Interacts (via SARAH domain) with STK3/MST2 AND STK4/MST1. Post-translational Modifications: Phosphorylated by STK3/MST2 and STK4/MST1.
References	Li L, Zhao J, Huang S, Wang Y, Zhu L, Cao Y, Xiong J, Deng J; Journal: Gene. MiR-93-5p promotes gastric cancer-cell progression via inactivation of the Hippo signaling pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661964
NCBI GeneID	9770
NCBI Accession #	NP_055552.1
NCBI GenBank Nucleotide #	NM_014737.2
UniProt Accession #	P50749; Q17S06; Q53HD0; Q6AHZ2; Q8IZA5; A6NIX9; A8K5Z3
Molecular Weight	Observed: 37 kDa Predicted: 38 kDa
NCBI Official Full Name	ras association domain-containing protein 2
NCBI Official Synonym Full Names	Ras association domain family member 2
NCBI Official Symbol	RASSF2
NCBI Official Synonym Symbols	CENP-34; RASFADIN
NCBI Protein Information	ras association domain-containing protein 2
UniProt Protein Name	Ras association domain-containing protein 2
UniProt Gene Name	RASSF2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rassf2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327487>