

Mouse anti-Human RASSF1A Monoclonal Antibody | anti-RASSF1A antibody

RASSF1A

CATALOG # AAA48286	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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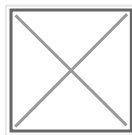
PRODUCT SYNONYMS

RASSF1A; Monoclonal Antibody; RASSF1(Ras association (RalGDS/AF-6) domain family 1); 123F2; RDA32; NORE2A; REH3P21; Ras association (RalGDS/AF-6) domain family member 1; anti-RASSF1A antibody

PRODUCT SPECIFICATIONS

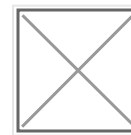
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	AT3F3
Purity/Purification	Protein-A Affinity Chromatography
Form/Format	Liquid; In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol .
Concentration	1mg/ml (varies by lot)
Sequence Length	344
Applicable Applications for anti-RASSF1A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human RASSF1A (1-340aa) purified from E Coli.
Conjugation	Unconjugated
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysate(40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human RASSF1A antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.;Lane 1.: HeLa cell lysate



ICC (Immunocytochemistry)

ICC/IF analysis of RASSF1A in HeLa cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-RASSF1A antibody	The tumor suppressor gene RASSF1A (3p21.3), human Ras association domain family 1A, is expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, small intestine, colon, and peripheral blood leukocytes. RASSF1A expression is inhibited by hypermethylation of the CpG island including the promoter and early transcribed regions of the human RASSF1A gene. Hypermethylated RASSF1A promoter is observed in primary tumors. Furthermore, RASSF1A is related with cell cycle regulation, apoptosis and microtubule stability.
Product Categories/Family for anti-RASSF1A antibody	Signal Transduction
References	Agathangelou A, et al., (2005) Cancer Res. 65, 3497-3508. Lerman MI. et. al. (2000) Cancer Res. 60, 6116-6133. Strunnikova M. et al., (2005) Mol Cell Biol. 25, 3923-3933. Dammann R. et al., (2005) Histol Histopathol. 20, 645-663. Rossa W.k, et al., (2007) American Journal of pathology. 170, 941-950.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50401686
NCBI GeneID	11186
UniProt Accession #	Q9NS23
NCBI Official Full Name	Ras association domain-containing protein 1
NCBI Official Synonym Full Names	Ras association domain family member 1
NCBI Official Symbol	RASSF1
NCBI Official Synonym Symbols	123F2; RDA32; NORE2A; RASSF1A; REH3P21
NCBI Protein Information	ras association domain-containing protein 1
UniProt Protein Name	Ras association domain-containing protein 1
UniProt Gene Name	RASSF1
UniProt Entry Name	RASF1_HUMAN

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/monoclonal/rassf1a-antibody-clone-at3f3-immunofluorescence-immunocytochemistry-western-blot-elisa/48286>