

Rabbit anti-Human RASSF5 Polyclonal Antibody | anti-RASSF5 antibody

Anti-RASSF5 Antibody, Rabbit Polyclonal

CATALOG # AAA256952	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

RASSF5; Polyclonal Antibody; Anti-RASSF5 Antibody; Rabbit Polyclonal; RASSF5 Antibody; Rabbit PAb; Antigen Affinity Purified; Ras association (RalGDS/AF-6) domain family member 5; Anti-Maxp1 Antibody; Anti-NORE1 Antibody; Anti-NORE1A Antibody; Anti-NORE1B Antibody; Anti-RAPL Antibody; Anti-RASSF3 Antibody; anti-RASSF5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RASSF5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RASSF5 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RASSF5 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RASSF5 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human RASSF5 in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RASSF5 in human brain with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RASSF5 antibody	Ras association domain family member 5 (RASSF5, also named NORE1) is an identified member of the RASSF gene family which could bind selectively to activate Ras and function as an antineoplastic effector in multiple cellular regulations. While highly expressed in the majority of normal tissues, RASSF5 is epigenetically inactivated by promoter hypermethylation in numerous cancer cell lines and primary cancers, suggesting it as a potential tumor suppressor. Expression of RASSF5 is found to be extinguished by promoter hypermethylation in different human cancers, and its ectopic expression suppresses cell proliferation and tumorigenicity. RASSF5 has been implicated in a variety of key biological processes, including cell proliferation, cell cycle regulation, and apoptosis. It plays an important role in tumorigenesis as a tumor suppressor in some malignancies. RASSF5 induces cell apoptosis by phosphorylating FOXO3a, which triggers target gene BIM (pro-apoptotic factor) activation.
Product Categories/Family for anti-RASSF5 antibody	B Cell Receptor Signaling Pathway
References	Zhou XH, et al. (2014) Rassf5 inhibits growth and invasion and induces apoptosis in osteosarcoma cells through activation of mst1/lats1 signaling. Oncol Rep 32 (4): 1505-1512. Suryaraja R, et al. (2013) The e3 ubiquitin ligase itch regulates tumor suppressor protein rassf5/nore1 stability in an acetylation-dependent manner. Cell Death Dis 4 (3): e565. Li TK, et al. (2017) Mir-214 regulates oral cancer kb cell apoptosis through targeting rassf5. Genet Mol Res 16 (1). Li S, et al. (2018) The emerging roles of rassf5 in human malignancy. Anticancer Agents Med Chem 18 (3): 314-322.

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/rassf5-antibody-immunohistochemistry-elisa/256952>