anti-Human, Mouse RAB12 Antibody | anti-RAB12 antibody

RAB12 Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA323282	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

RAB12; RAB12 Antibody; Putative Ras related protein Rab 12; member RAS oncogene family; RAB12_HUMAN; Ras-related protein Rab-12; anti-RAB12 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	RAB12 Antibody detects endogenous levels of total RAB12
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-RAB12 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAB12,corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of extracts from B16F10, using RAB12Antibody. The lane on the left was treated with blocking peptide.

IHC (Immunohistochemistry)
AAA323282 at 1/100 staining Human pancreas cancer 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.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB12 antibody	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab may play a role in protein transport from recycling endosomes to lysosomes regulating, for instance, the degradation of the transferrin receptor. Involved in autophagy (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	106507164
NCBI GeneID	201475
NCBI Accession #	NP_001020471.2

NCBI GenBank Nucleotide #	NM_001025300.2
UniProt Accession #	Q6IQ22; Q4KMQ3; A6NEF5
Molecular Weight	28 kDa
NCBI Official Full Name	ras-related protein Rab-12
NCBI Official Synonym Full Names	RAB12, member RAS oncogene family
NCBI Official Symbol	RAB12
NCBI Protein Information	ras-related protein Rab-12
UniProt Protein Name	Ras-related protein Rab-12
UniProt Gene Name	**RAB12**

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/human-mouse-antibody/rab12/323282