

Rabbit RAB32 Polyclonal Antibody | anti-RAB32 antibody

RAB32 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328133	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

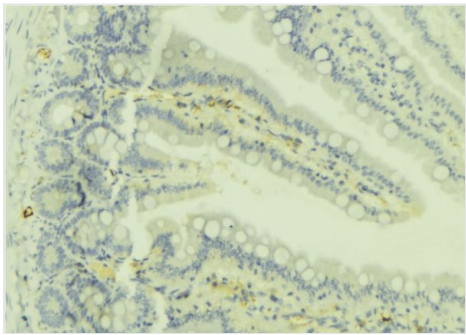
PRODUCT SYNONYMS

RAB32; Polyclonal Antibody; RAB32 Antibody; member RAS oncogene family; RAB32_HUMAN; Ras related protein Rab32; Ras-related protein Rab-32; anti-RAB32 antibody

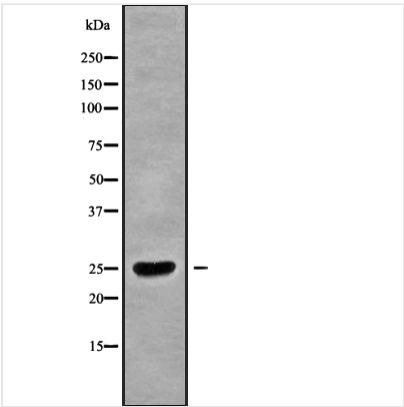
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB32 antibody detects endogenous levels of total RAB32
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	225
Applicable Applications for anti-RAB32 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAB32
Subcellular Location	Mitochondrion.
Tissue Specificity	Widely expressed with high levels in heart, liver, kidney, bone marrow, testis, colon and fetal lung.
Predicted Cross Reactivity	Horse, Rabbit
Similarity	Horse (85%), Rabbit (94%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

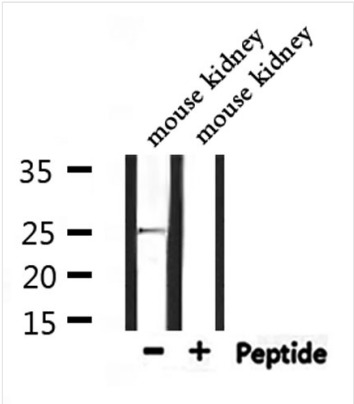
IMAGES



IHC (Immunohistochemisry)
AAA328133 at 1/100 staining Mouse colon 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 RAB32 using Jurkat whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from mouse kidney, using RAB32 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB32 antibody	Function: Acts as an A-kinase anchoring protein by binding to the type II regulatory subunit of protein kinase A and anchoring it to the mitochondrion. Also involved in synchronization of mitochondrial fission (PubMed:12186851). Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis (PubMed:21255211). Plays an important role in the control of melanin production and melanosome biogenesis (PubMed:23084991). In concert with RAB38, regulates the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes (By similarity). Subunit Structure: Interacts with ANKRD27 (PubMed:24856514, PubMed:21269460). A decreased interaction with ANKRD27 seen in the presence of SGSM2 (PubMed:21269460). Similarity: Belongs to the small GTPase superfamily. Rab family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803133
NCBI GeneID	10981
NCBI Accession #	NP_006825.1
NCBI GenBank Nucleotide #	NM_006834.4
UniProt Accession #	Q13637
Molecular Weight	Observed: 25 kDa Predicted: 25 kDa
NCBI Official Full Name	ras-related protein Rab-32

NCBI Official Synonym Full Names	RAB32, member RAS oncogene family
NCBI Official Symbol	RAB32
NCBI Protein Information	ras-related protein Rab-32
UniProt Protein Name	Ras-related protein Rab-32
UniProt Gene Name	RAB32

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/rab32-antibody-immunohistochemistry-western-blot-elisa/328133>