

Rabbit RAB3IP Polyclonal Antibody | anti-RAB3IP antibody

RAB3IP Antibody

CATALOG # AAA322606	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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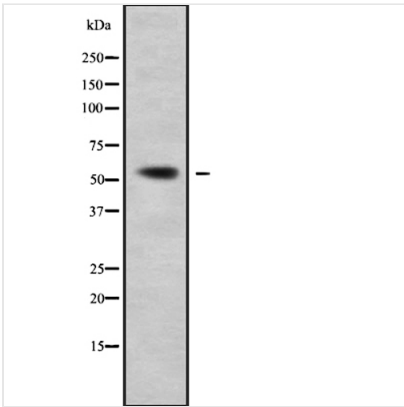
PRODUCT SYNONYMS

RAB3IP; Polyclonal Antibody; RAB3IP Antibody; Gtpat12; Rab-3A-interacting protein; RAB3A interacting protein; RAB3A interacting protein (rabin3); RAB3A-interacting protein; RAB3I_HUMAN; Rab3ip; Rabin 3; Rabin-3; RABIN3; rat; homolog of; Rabin8; SSX2 interacting protein; SSX2-interacting protein; anti-RAB3IP antibody

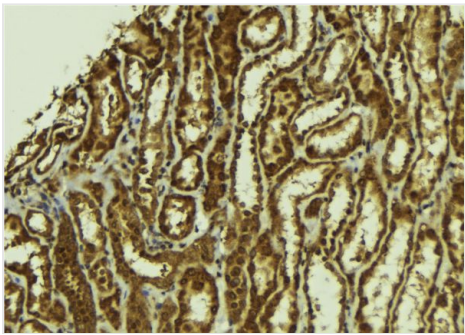
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB3IP antibody detects endogenous levels of total RAB3IP
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	254
Applicable Applications for anti-RAB3IP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAB3IP
Subcellular Location	Cytoplasm. Nucleus. Cytoplasm, Cytoskeleton. Cell Projection, Lamellipodium. Predominantly cytoplasmic but a small proportion colocalizes with SSX2 in the nucleus. Activation of protein kinase C results in redistribution to the periphery of lamellipodia. In the cytoskeleton, localizes to cortical actin.
Tissue Specificity	Expressed in brain, kidney, heart, pancreas and placenta. Not detected in skeletal muscle or liver.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (92%), Bovine (100%), Horse (92%), Rabbit (92%), Dog (92%), Chicken (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of RAB3IP using K562 whole cell lysates



IHC (Immunohistochemistry)
AAA322606 at 1/100 staining Mouse kidney 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-RAB3IP antibody	Function: Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5. Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface. Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis. Subunit Structure: Interacts with the N-terminal region of SSX2 (PubMed:12007189). Interacts with the GDP-bound forms of RAB3A, RAB3D, RAB8A and RAB8B (PubMed:12221131). Interacts with DCDC5 (PubMed:22159412). Similarity: Belongs to the SEC2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66912194
NCBI GeneID	117177
NCBI Accession #	NP_001019818.1
NCBI GenBank Nucleotide #	NM_001024647.3
UniProt Accession #	Q96QF0; Q6PCE4; Q96A24; Q96QE6; Q96QE7; Q96QE8; Q96QE9; Q96QF1; Q9H673; B7WPJ6
Molecular Weight	Observed: 53 kDa Predicted: 54 kDa
NCBI Official Full Name	rab-3A-interacting protein isoform A
NCBI Official Synonym Full Names	RAB3A interacting protein
NCBI Official Symbol	RAB3IP
NCBI Official Synonym Symbols	RABIN3; RABIN8
NCBI Protein Information	rab-3A-interacting protein
UniProt Protein Name	Rab-3A-interacting protein
UniProt Gene Name	RAB3IP
UniProt Synonym Gene Names	Rab3A-interacting protein

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.

