

Mouse anti-Human, Mouse RAB27B Monoclonal Antibody | anti-RAB27B antibody

RAB27B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290610	Mouse	Human, Mouse	ELISA, Western Blot

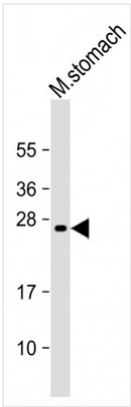
PRODUCT SYNONYMS

RAB27B; Monoclonal Antibody; RAB27B Antibody; Ras-related protein Rab-27B; C25KG; anti-RAB27B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Specificity	This RAB27B antibody is generated from a mouse immunized with a recombinant protein of human RAB27B.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Applicable Applications for anti-RAB27B antibody	ELISA, WB (Western Blot)
Function	Function Small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, binds to a variety of effector proteins to regulate homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion (PubMed:30771381). Plays a role in NTRK2/TRKB axonal anterograde transport by facilitating the association of NTRK2/TRKB with KLC1 (PubMed:21775604). May be involved in targeting uroplakins to urothelial apical membranes (By similarity).
Cellular Location	Membrane; Lipid-anchor.
Tissue Location	Expressed primarily in testis.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB - RAB27B Antibody AM8508b detail Anti-RAB27B Antibody at 1:2000 dilution + mouse stomach lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB27B antibody	May be involved in targeting uroplakins to urothelial apical membranes.
Product Categories/Family for anti-RAB27B antibody	Crown Antibodies; Signal Transduction
References	Chen D.,et al.Biochem. Mol. Med. 60:27-37(1997). Chen D.,et al.Submitted (JUN-1999) to the EMBL/GenBank/DDBJ databases. Ramalho J.S.,et al.BMC Genet. 2:2-2(2001). Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729997
NCBI GeneID	5874
NCBI Accession #	NP_004154.2
NCBI GenBank Nucleotide #	NM_004163.4
UniProt Accession #	O00194; Q9BZB6; B2RAB0
NCBI Official Full Name	ras-related protein Rab-27B
NCBI Official Synonym Full Names	RAB27B, member RAS oncogene family
NCBI Official Symbol	RAB27B
NCBI Official Synonym Symbols	C25KG
NCBI Protein Information	ras-related protein Rab-27B
UniProt Protein Name	Ras-related protein Rab-27B
UniProt Gene Name	RAB27B
UniProt Entry Name	RB27B_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.