

Rabbit RAB9B Polyclonal Antibody | anti-RAB9B antibody

RAB9B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328138	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

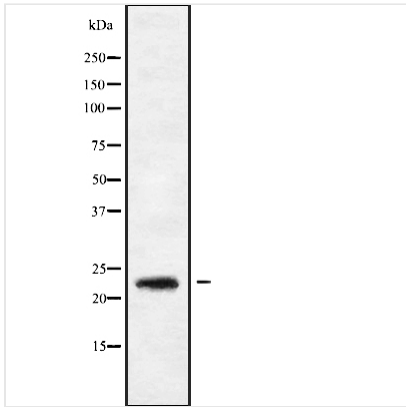
PRODUCT SYNONYMS

RAB9B; Polyclonal Antibody; RAB9B Antibody; RAB 9B; RAB 9L; Rab-9-like protein; Rab-9L; RAB9 like protein; Rab9b; RAB9B_HUMAN; RAB9L; Ras related protein Rab9B; Ras-related protein Rab-9B; anti-RAB9B antibody

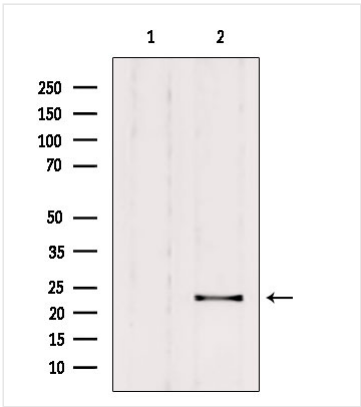
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB9B antibody detects endogenous levels of total RAB9B
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	201
Applicable Applications for anti-RAB9B antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAB9B
Subcellular Location	Cell Membrane
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
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 RAB9B using HepG2 whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from rat brain, using RAB9B Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB9B antibody	Function: Involved in the transport of proteins between the endosomes and the trans Golgi network. Subunit Structure: Interacts (GTP-bound form) with SGSM1; the GDP-bound form has much lower affinity for SGSM1 (PubMed:22637480). The GTP-bound form but not the GDP-bound form interacts with HPS4 and the BLOC-3 complex (heterodimer of HPS1 and HPS4) but does not interact with HPS1 alone (PubMed:20048159). Similarity: Belongs to the small GTPase superfamily. Rab family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705963
NCBI GeneID	51209
NCBI Accession #	NP_057454.1
NCBI GenBank Nucleotide #	NM_016370.3
UniProt Accession #	Q9NP90; Q52LX2; B2R8M0
Molecular Weight	Observed: 23 kDa Predicted: 23 kDa
NCBI Official Full Name	ras-related protein Rab-9B
NCBI Official Synonym Full Names	RAB9B, member RAS oncogene family
NCBI Official Symbol	RAB9B
NCBI Official Synonym Symbols	RAB9L; Rab-9L
NCBI Protein Information	ras-related protein Rab-9B
UniProt Protein Name	Ras-related protein Rab-9B
UniProt Gene Name	RAB9B
UniProt Synonym Gene Names	RAB9L; Rab-9L

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.