

Rabbit RAB14 Polyclonal Antibody | anti-RAB14 antibody

RAB14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323283	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

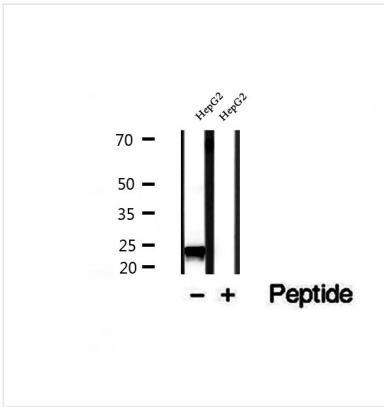
PRODUCT SYNONYMS

RAB14; Polyclonal Antibody; RAB14 Antibody; bA165P4.3; F protein binding protein 1; FBP; GTPase Rab14; RAB 14; RAB14 member RAS oncogene family; RAB14_HUMAN; Ras related protein Rab 14; Ras-related protein Rab-14; RP11 165P4.4; Small GTP binding protein RAB14; anti-RAB14 antibody

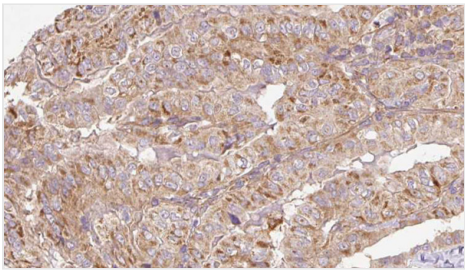
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB14 antibody detects endogenous levels of RAB14.
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	215
Applicable Applications for anti-RAB14 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAB14.
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (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 extracts of HepG2 cells, using RAB14 antibody.



IHC (Immunohistochemistry)
AAA323283 at 1/100 staining Human thyroid 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-RAB14 antibody	Function: Involved in membrane trafficking between the Golgi complex and endosomes during early embryonic development. Regulates the Golgi to endosome transport of FGFR-containing vesicles during early development, a key process for developing basement membrane and epiblast and primitive endoderm lineages during early postimplantation development. May act by modulating the kinesin KIF16B-cargo association to endosomes (By similarity). Regulates, together with its guanine nucleotide exchange factor DENND6A, the specific endocytic transport of ADAM10, N-cadherin/CDH2 shedding and cell-cell adhesion. Subunit Structure: Interacts with KIF16B (By similarity). Interacts with ZFYVE20. Similarity: Belongs to the small GTPase superfamily. Rab family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923483
NCBI GeneID	51552
NCBI Accession #	NP_057406.2
NCBI GenBank Nucleotide #	NM_016322.3
UniProt Accession #	P61106; P35287; Q5JVD4; Q6Q7K5; Q969L0; Q9UI11; B3KR31
Molecular Weight	Observed: 24 kDa Predicted: 24 kDa
NCBI Official Full Name	ras-related protein Rab-14
NCBI Official Synonym Full Names	RAB14, member RAS oncogene family
NCBI Official Symbol	RAB14
NCBI Official Synonym Symbols	FBP; RAB-14
NCBI Protein Information	ras-related protein Rab-14
UniProt Protein Name	Ras-related protein Rab-14
UniProt Gene Name	RAB14

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.