

Rabbit RAB8A Polyclonal Antibody | anti-RAB8A antibody

RAB8A Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282213	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

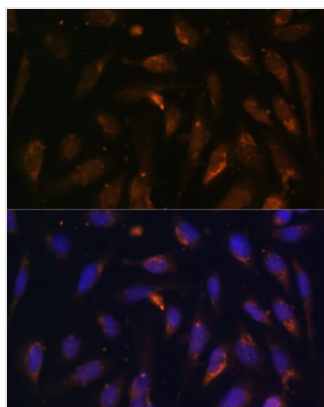
PRODUCT SYNONYMS

RAB8A; Polyclonal Antibody; RAB8A Rabbit pAb; MEL; RAB8; anti-RAB8A antibody

PRODUCT SPECIFICATIONS

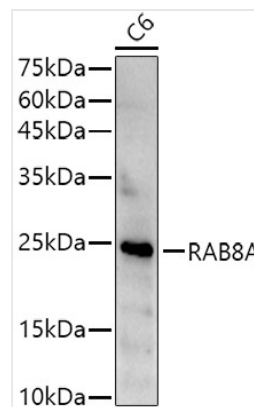
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RAB8A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	HCT116, HeLa, C6
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 140-207 of human RAB8A (NP_005361.2).
Cellular Location	Cell membrane, Cell projection, Cytoplasm, Cytoplasmic side, Cytoplasmic vesicle, Golgi apparatus, Lipid-anchor, Recycling endosome membrane, centriole, centrosome, cilium, cilium basal body, cytoskeleton, microtubule organizing center, phagosome, phagosome membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



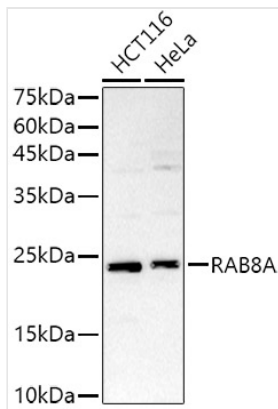
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using RAB8A antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of C6 cells, using RAB8A antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAB8A antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB8A antibody	The protein encoded by this gene is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97%, 96%, and 51% similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP/GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1.
Product Categories/Family for anti-RAB8A antibody	Signal Transduction; G protein signaling; Signal Transduction; Cell Biology & Developmental Biology; Cell Cycle; Centrosome; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002269679
NCBI GeneID	4338448
NCBI Accession #	XP_015639183.1
NCBI GenBank Nucleotide #	XM_015783697.1
UniProt Accession #	Q0DJ33; P49083; Q2HNY6; Q43604; Q5KQF9; Q5W732
Molecular Weight	44,206 Da
NCBI Official Full Name	guanine nucleotide-binding protein alpha-1 subunit isoform X1
NCBI Official Symbol	LOC4338448
NCBI Official Synonym Symbols	D1; GA1; GPA1; RGA1; GP-alpha-1; OJ1005_D04.15
NCBI Protein Information	guanine nucleotide-binding protein alpha-1 subunit
UniProt Protein Name	Guanine nucleotide-binding protein alpha-1 subunit
UniProt Gene Name	GPA1
UniProt Synonym Gene Names	; GP-alpha-1

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://www.aaabiotech.com/polyclonal/rab8a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282213>