Rabbit RAB1A Polyclonal Antibody | anti-RAB1A antibody

RAB1A Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281781	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

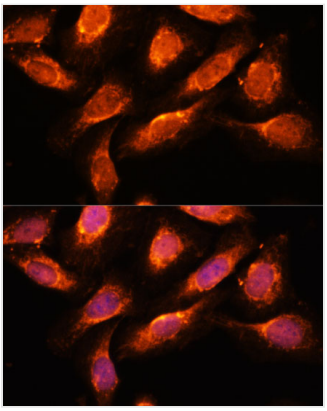
PRODUCT SYNONYMS

RAB1A; Polyclonal Antibody; RAB1A Rabbit pAb; RAB1; YPT1; anti-RAB1A antibody

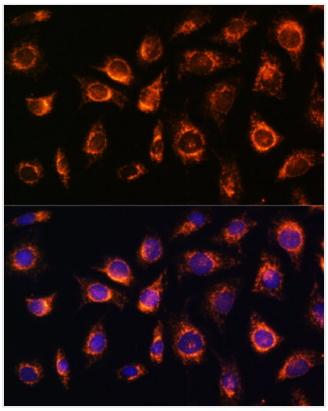
PRODUCT SPECIFICATIONS

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.
Sequence	MSSMNPEYDY LFKLLLIGDS GVGKSCLLLR FADDTYTESY ISTIGVDFKI RTIELDGKTI KLQIWDTAGQ ERFRTITSSY YRGAHGIIVV YDVTDQESFN NVKQWLQEID RYASENVNKL LVGNKCDLTT KKVVDYTTAK EFADSLGIPF LETSAKNATN VEQSFMTMAA EIKKRMGPGA TAGGAEKSNV KIQSTPVKQS GGGCC
Applicable Applications for anti-RAB1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-205 of human RAB1A (NP_004152.1).
Cellular Location	Cytoplasm, Early endosome, Endoplasmic reticulum, Golgi apparatus, Melanosome, Membrane, cytosol
Positive Samples	HT-29, NIH/3T3, Mouse brain, C6, Rat kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

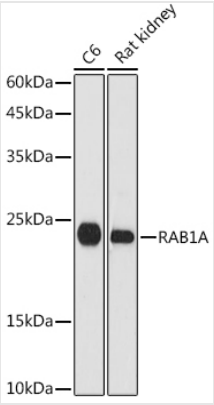
IMAGES



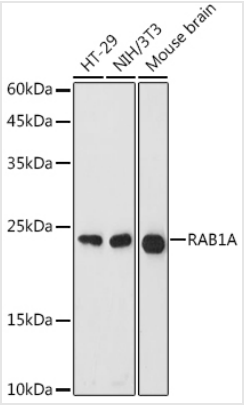
IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using RAB1A antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of L929 cells using RAB1A antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RAB1A antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RAB1A antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB1A antibody	Background: This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms.
Product Categories/Family for anti-RAB1A antibody	Signal Transduction; G protein signaling; Small G proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	51338603
NCBI GeneID	5861
UniProt Accession #	P62820; P11476; Q6FIE7; Q96N61; Q9Y3T2
Molecular Weight	205
NCBI Official Full Name	Ras-related protein Rab-1A
NCBI Official Synonym Full Names	RAB1A, member RAS oncogene family
NCBI Official Symbol	RAB1A
NCBI Official Synonym Symbols	RAB1; YPT1
NCBI Protein Information	ras-related protein Rab-1A; YPT1-related protein; Rab GTPase YPT1 homolog; GTP binding protein Rab1a; RAB1, member RAS oncogene family
UniProt Protein Name	Ras-related protein Rab-1A
UniProt Gene Name	**RAB1A**
UniProt Synonym Gene Names	RAB1
UniProt Entry Name	RAB1A_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.

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