

Goat RAB1A Polyclonal Antibody | anti-RAB1A antibody

Anti-RAB1A Antibody (C-Terminus) IHC-plus

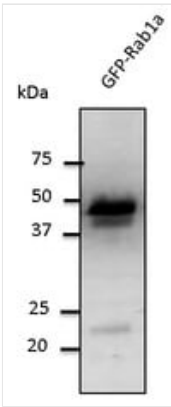
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52645	Goat	Mouse, Rat, Human, Monkey Non-Reactive Species: Canine	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

RAB1A; Polyclonal Antibody; Anti-RAB1A Antibody (C-Terminus) IHC-plus; Goat Polyclonal (IgG) to Mouse RAB1A; Mouse RAB1A; GTP binding protein Rab1a; YPT1-related protein; Rab GTPase YPT1 homolog; RAB1; Ras-related protein Rab-1A; YPT1; anti-RAB1A antibody

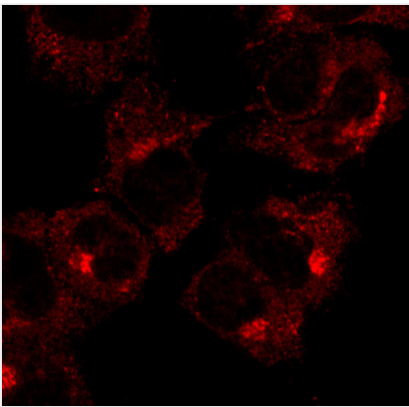
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse, Rat, Human, Monkey Non-Reactive Species: Canine
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects total Rab1 protein by Western blot in the following human, rat and mouse whole cell lysates and transfected cells with GFP-Rab1a and GFP-Rab1b cds.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 20% glycerol, 0.05% sodium azide.
Concentration	3 mg/ml (varies by lot)
Sequence Length	205
Applicable Applications for anti-RAB1A antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	RAB1A antibody was raised against purified recombinant peptides derived from within residues 110 aa to the C-terminus of mouse Rab1a and Rab1b produced in E Coli.
Immunogen Description	Purified recombinant peptides derived from within residues 110 aa to the C-terminus of mouse Rab1a and Rab1b produced in E Coli.
Immunogen Type	Recombinant protein
Antigen Modification	C-Terminus
Target Species	Mouse
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze-thaw cycles.



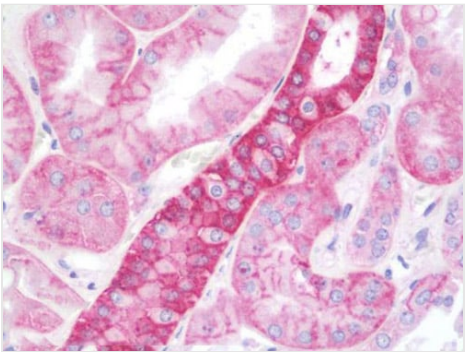
WB (Western Blot)

Western blot. Anti-Rab1 antibody at 1:1000 dilution. 293HEK transfected lysate at 50 ug per lane. Rabbit polyclonal to goat IgG (HRP) at 1:10000 dilution.



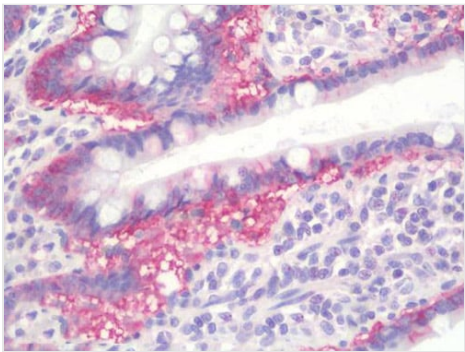
IF (Immunofluorescence)

Immunofluorescence - anti-Rab1 antibody in COS-7 cells at 1:50 dilution. Cells were fixed with 4% of PFA.



IHC (Immunohistochemistry)

Anti-RAB1A / RAB1 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-RAB1A / RAB1 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB1A antibody	RAB1A Antibody, GTP binding protein Rab1a Antibody, YPT1-related protein Antibody, Rab GTPase YPT1 homolog Antibody, RAB1 Antibody, Ras-related protein Rab-1A Antibody, YPT1 Antibody Description: The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758988
NCBI GeneID	5861
NCBI Accession #	NP_004152.1
NCBI GenBank Nucleotide #	NM_004161.4
UniProt Accession #	P62820; P11476; Q6FIE7; Q96N61; Q9Y3T2
Molecular Weight	13,903 Da
NCBI Official Full Name	ras-related protein Rab-1A isoform 1
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
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rab1a-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52645>