

Rabbit RAB11A Polyclonal Antibody | anti-RAB11A antibody

RAB11A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37256	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

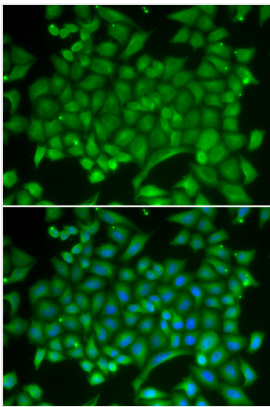
PRODUCT SYNONYMS

RAB11A; Polyclonal Antibody; RAB11A Polyclonal Antibody; MGC1490; YL8; anti-RAB11A antibody

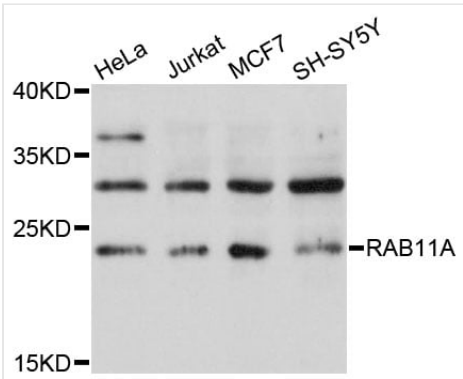
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	216
Applicable Applications for anti-RAB11A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human RAB11A
Calculated Molecular Weight	24kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using RAB11A antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RAB11A antibody at 1:1000 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: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB11A antibody	Rab11a, Rab11b and Rab25 are members of the Rab11 family of small Ras-like GTPases. Rab11 (isoforms Rab11a and Rab11b) functions as a key regulator in the recycling of perinuclear, plasma membrane and Golgi compartment endosomes (1,2). Despite some overlap, distinct differences exist between Rab11a and Rab11b in both their cellular distribution and functional roles. Rab11a is ubiquitously expressed while Rab11b is found mainly in the heart and brain (3,4). Like other Rab proteins, Rab11 exerts its function via interactions with Rab11 family interacting proteins (FIPs). While there are three distinct classes of FIPs, all appear to share a conserved carboxy-terminal Rab-binding domain that allows Rab-FIP protein interaction. When bound together, these proteins are thought to regulate membrane-associated protein sorting (5,6).
Product Categories/Family for anti-RAB11A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	50402542
NCBI GeneID	8766
UniProt Accession #	P62491; P24410; Q5TZN9; Q9JLX1; B2R4B6; B4DT13
Molecular Weight	216
NCBI Official Full Name	Ras-related protein Rab-11A
NCBI Official Synonym Full Names	RAB11A, member RAS oncogene family
NCBI Official Symbol	RAB11A
NCBI Official Synonym Symbols	YL8
NCBI Protein Information	ras-related protein Rab-11A; rab-11; RAB 11A, member oncogene family
UniProt Protein Name	Ras-related protein Rab-11A
UniProt Gene Name	RAB11A
UniProt Synonym Gene Names	RAB11; Rab-11
UniProt Entry Name	RB11A_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.

