

Rabbit RAB18 Polyclonal Antibody | anti-RAB18 antibody

RAB18 Antibody

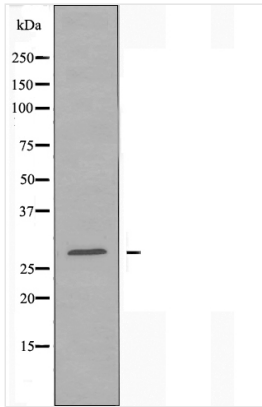
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325047	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

RAB18; Polyclonal Antibody; RAB18 Antibody; AA959686; RAB18 small GTPase; member RAS oncogene family; RAB18_HUMAN; RAB18L11; Ras related protein Rab 18; Ras-associated protein RAB18; Ras-related protein Rab-18; RP11-148B2.1; WARBM3; anti-RAB18 antibody

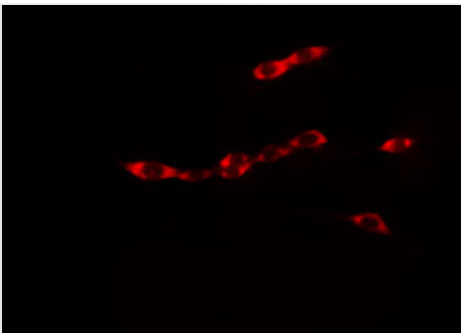
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB18 antibody detects endogenous levels of total RAB18
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	235
Applicable Applications for anti-RAB18 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Ubiquitous.
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.



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells using RAB18 antibody.



IF (Immunofluorescence)

AAA325047 staining MCF7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB18 antibody	Function: Plays a role in apical endocytosis/recycling. May be implicated in transport between the plasma membrane and early endosomes. Plays a key role in eye and brain development and neurodegeneration. Similarity: Belongs to the small GTPase superfamily. Rab family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	374081854
NCBI GeneID	22931
NCBI Accession #	NP_001243339.1
NCBI GenBank Nucleotide #	NM_001256410.1
UniProt Accession #	Q9NP72; Q53FX8; Q56UN9; Q6FIH1; B3KMC7; B7Z333; D3DRW1
Molecular Weight	Observed: 28 kD Predicted: 23 kDa
NCBI Official Full Name	ras-related protein Rab-18 isoform 2
NCBI Official Synonym Full Names	RAB18, member RAS oncogene family
NCBI Official Symbol	RAB18
NCBI Official Synonym Symbols	WARBM3; RAB18LI1
NCBI Protein Information	ras-related protein Rab-18
UniProt Protein Name	Ras-related protein Rab-18
UniProt Gene Name	RAB18

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.