

Rabbit RAB5C Polyclonal Antibody | anti-RAB5C antibody

RAB5C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325057	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

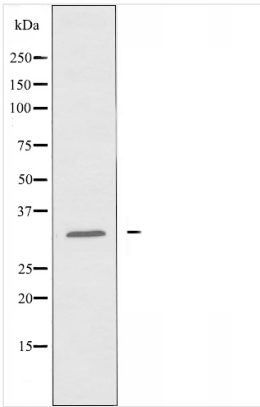
PRODUCT SYNONYMS

RAB5C; Polyclonal Antibody; RAB5C Antibody; L1880; RAB; member of RAS oncogene family like; member of RAS oncogene family; member RAS oncogene family; RAB5C_HUMAN; RAB5CL; RAB5L; RABL; Ras-related protein Rab-5C; anti-RAB5C antibody

PRODUCT SPECIFICATIONS

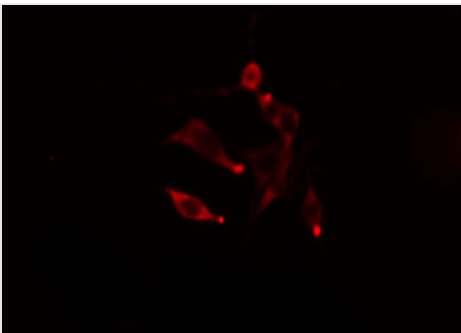
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB5C antibody detects endogenous levels of total RAB5C
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	249
Applicable Applications for anti-RAB5C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Early Endosome Membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (90%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using RAB5C antibody.



IF (Immunofluorescence)

AAA325057 staining LOVO 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-RAB5C antibody	Function: Protein transport. Probably involved in vesicular traffic (By similarity). Subunit Structure: Binds EEA1. Similarity: Belongs to the small GTPase superfamily. Rab family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	354721184
NCBI GeneID	5878
NCBI Accession #	NP_001238968.1
NCBI GenBank Nucleotide #	NM_001252039.1
UniProt Accession #	P51148; Q6FH55; Q9P0Y5; F8W1H5
Molecular Weight	Observed: 30 kD Predicted: 24 kDa
NCBI Official Full Name	ras-related protein Rab-5C isoform b
NCBI Official Synonym Full Names	RAB5C, member RAS oncogene family
NCBI Official Symbol	RAB5C
NCBI Official Synonym Symbols	RABL; L1880; RAB5L; RAB5CL
NCBI Protein Information	ras-related protein Rab-5C
UniProt Protein Name	Ras-related protein Rab-5C
UniProt Gene Name	RAB5C
UniProt Synonym Gene Names	RABL

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.