

Rabbit RAB5A Polyclonal Antibody | anti-RAB5A antibody

RAB5A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170511	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

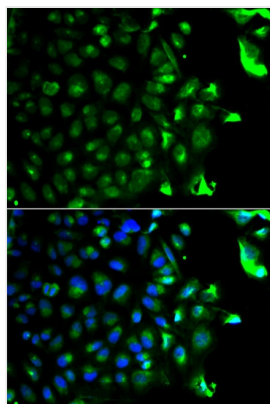
PRODUCT SYNONYMS

RAB5A; Polyclonal Antibody; RAB5A Antibody; RAB5; anti-RAB5A antibody

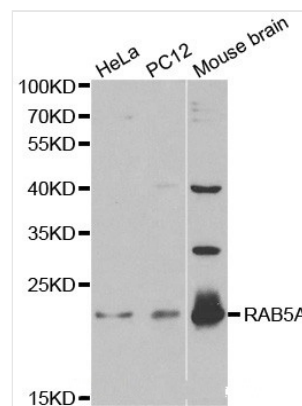
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	215
Applicable Applications for anti-RAB5A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human RAB5A
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28570 / sc-130010 / sc-309 / sc-26566
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using RAB5A antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAB5A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB5A antibody	Rab5 is a member of the Ras superfamily of small Rab GTPases. Rab5 is localized at the plasma membrane and early endosomes and functions as a key regulator of vesicular trafficking during early endocytosis (1). The conformational change between Rab5 GTP/GDP states is essential for its biological function as a rate limiting regulator at multiple steps during endocytosis (1, 2). Rab5 exerts its function by interacting with several Rab5-specific effectors (1-3). These proteins form complexes with Rab5 on a specialized Rab domain of the endosome and promote recycling of Rab5-cargo targets between endosome and the plasma membrane.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49168472
NCBI GeneID	5868
UniProt Accession #	Q6FI44; B4DJA5; P20339
Molecular Weight	22,178 Da
NCBI Official Full Name	RAB5A
NCBI Official Synonym Full Names	RAB5A, member RAS oncogene family
NCBI Official Symbol	RAB5A
NCBI Official Synonym Symbols	RAB5
NCBI Protein Information	ras-related protein Rab-5A; RAS-associated protein RAB5A
UniProt Protein Name	Ras-related protein Rab-5A
UniProt Gene Name	RAB5A
UniProt Synonym Gene Names	RAB5
UniProt Entry Name	RAB5A_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/rab5a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/170511>