

Rabbit RAB5A Polyclonal Antibody | anti-RAB5A antibody

RAB5A Antibody

CATALOG # AAA232646	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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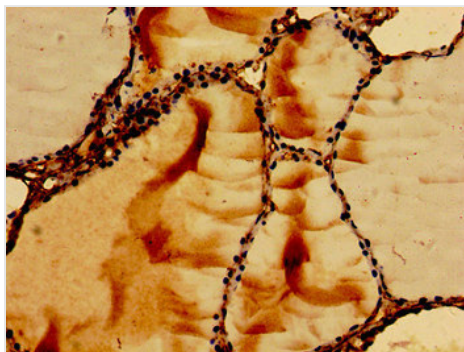
PRODUCT SYNONYMS

RAB5A; Polyclonal Antibody; RAB5A Antibody; Ras-related protein Rab-5A; RAB5; anti-RAB5A antibody

PRODUCT SPECIFICATIONS

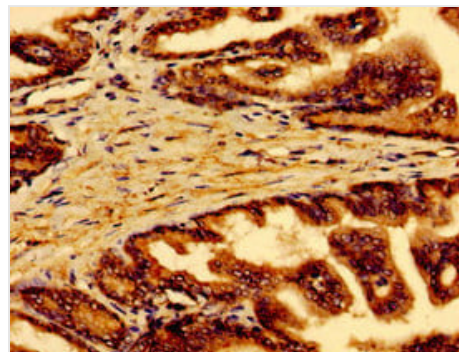
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	201
Applicable Applications for anti-RAB5A antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Ras-related protein Rab-5A protein (1-215AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28570
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



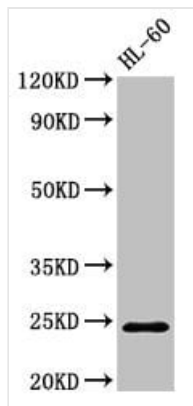
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid tissue using AAA232646 at dilution of 1:100



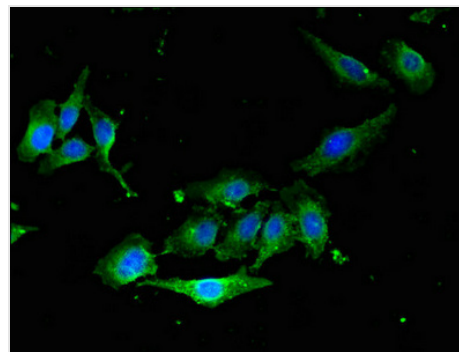
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate tissue using AAA232646 at dilution of 1:100



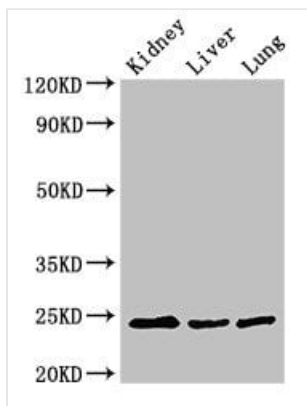
WB (Western Blot)

Western Blot Positive WB detected in: HL-60 whole cell lysate All lanes: RAB5A antibody at 2.7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 24,23 KDa Observed band size: 24 KDa



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA232646 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western Blot Positive WB detected in: Mouse kidney tissue, Mouse liver tissue, Rat lung tissue All lanes: RAB5A antibody at 3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 24,23 KDa Observed band size: 24 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-RAB5A antibody

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. RAB5A is required for the fusion of plasma membranes and early endosomes (PubMed: 10818110, PubMed: 14617813, PubMed: 16410077, PubMed: 15378032). Contributes to the regulation of filopodia extension (PubMed: 14978216). Required for the exosomal release of SDCBP, CD63, PDCD6IP and syndecan (PubMed: 22660413). Regulates maturation of apoptotic cell-containing phagosomes, probably downstream of DYN2 and PIK3C3 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	635574573
NCBI GeneID	5868
NCBI Accession #	NP_001278977.1
NCBI GenBank Nucleotide #	NM_001292048.1
UniProt Accession #	P20339; Q6FI44; B4DJA5
Molecular Weight	22,178 Da
NCBI Official Full Name	ras-related protein Rab-5A isoform 2

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
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-western-blot-elisa/232646>