

Rabbit anti-Human RAB23 Polyclonal Antibody | anti-RAB23 antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA244125	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

RAB23; Polyclonal Antibody; Rabbit anti-Human RAB23 Polyclonal Antibody; Ras-related protein Rab-23; RAB23 Antibody; anti-RAB23 antibody

PRODUCT SPECIFICATIONS

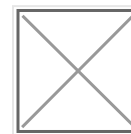
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-RAB23 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Ras-related protein Rab-23 protein (18-234aa)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of U251 cells with at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, PC-3 whole cell lysate, A549 whole cell lysateAll lanes: RAB23 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 27 kDaObserved band size: 27 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RAB23 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 set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Together with SUFU, prevents nuclear import of GLI1, and thereby inhibits GLI1 transcription factor activity. Regulates GLI1 in differentiating chondrocytes. Likewise, regulates GLI3 proteolytic processing and modulates GLI2 and GLI3 transcription factor activity. Plays a role in autophagic vacuole assembly, and mediates defense against pathogens, such as S.aureus, by promoting their capture by autophagosomes that then merge with lysosomes.

Product Categories/Family for anti-RAB23 antibody	Neuroscience
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NCBI AND UNIPROT INFORMATION

NCBI GI #	523425714
NCBI GeneID	51715
NCBI Accession #	NP_001265595.1
NCBI GenBank Nucleotide #	NM_001278666.1
UniProt Accession #	Q9ULC3; Q68DJ6; Q8NI06; Q9P023; B2R9I5
Molecular Weight	26,659 Da
NCBI Official Full Name	ras-related protein Rab-23
NCBI Official Synonym Full Names	RAB23, member RAS oncogene family
NCBI Official Symbol	RAB23
NCBI Official Synonym Symbols	HSPC137
NCBI Protein Information	ras-related protein Rab-23; RAB family small GTP binding protein RAB 23
UniProt Protein Name	Ras-related protein Rab-23
UniProt Gene Name	RAB23
UniProt Entry Name	RAB23_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/rab23-antibody-immunofluorescence-western-blot-elisa/244125>