Rabbit RAB23 Polyclonal Antibody | anti-RAB23 antibody

RAB23 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230912	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

RAB23; Polyclonal Antibody; RAB23 Antibody; Ras-related protein Rab-23; HSPC137; anti-RAB23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	237
Applicable Applications for anti-RAB23 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Ras-related protein Rab-23 protein (1-237AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169083 / sc-130248
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 (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA230912 at dilution 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA230912 at dilution 1:100

WB (Western Blot)
Western blotAll lanes: RAB23 antibody at 3.88ug/mlLane 1: Mouse ocular tissueLane 2: Rat brain tissueLane 3: Mouse kidney tissueLane 4: Mouse lung tissueLane 5: Mouse brain tissueLane 6: NIH/3T3 whole cell lysateLane 7: MCF7 whole cell lysateLane 8: Hela whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 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.

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
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-immunohistochemistry-western-blot-elisa/230912