

Rabbit VPS4A Polyclonal Antibody | anti-VPS4A antibody

VPS4A Antibody

CATALOG # AAA231606	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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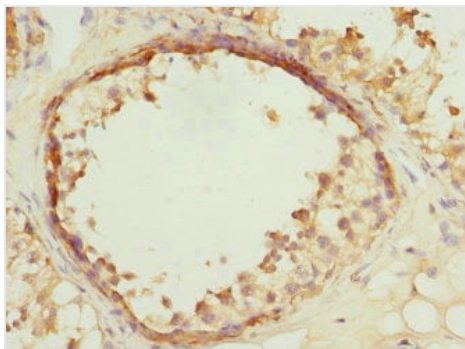
PRODUCT SYNONYMS

VPS4A; Polyclonal Antibody; VPS4A Antibody; Vacuolar protein sorting-associated protein 4A; Protein SKD2; VPS4-1; hVPS4; anti-VPS4A antibody

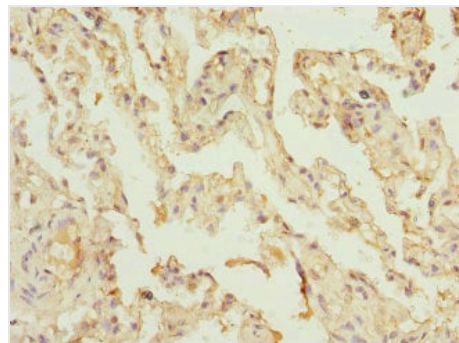
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	437
Applicable Applications for anti-VPS4A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Vacuolar protein sorting-associated protein 4A protein (N-120AA)
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-21461 / sc-21463 / sc-32922
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

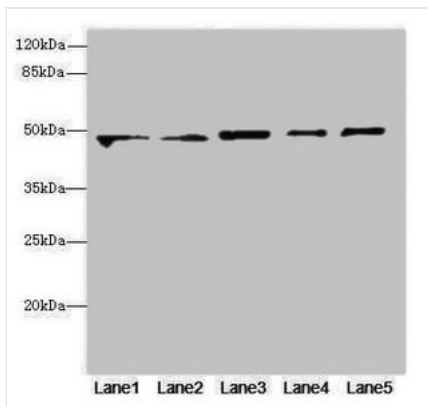
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231606 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA231606 at dilution 1:100



WB (Western Blot)
 Western blotAll lanes: VPS4Aantibody at 4.28ug/mlLane 1 : Mouse kidney tissueLane 2 : Rat gonadal tissueLane 3 : Mouse brain tissueLane 4 : U87 whole cell lysateLane 5 : MCF7 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 49 kDaObserved band size: 49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-VPS4A antibody	Involved in late steps of the endosomal multivesicular bodies (MVB) pathway. Recognizes membrane-associated ESCRT-III assemblies and catalyzes their disassembly, possibly in combination with membrane fission. Redistributes the ESCRT-III components to the cytoplasm for further rounds of MVB sorting. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. In conjunction with the ESCRT machinery also appears to function in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and enveloped virus budding (HIV-1 and other lentiviruses). Involved in cytokinesis: retained at the midbody by ZFYVE19/ANCHR and CHMP4C until abscission checkpoint signaling is terminated at late cytokinesis. It is then released following dephosphorylation of CHMP4C, leading to abscission (PubMed:24814515). VPS4A/B are required for the exosomal release of SDCBP, CD63 and syndecan (PubMed:22660413).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019569
NCBI GeneID	27183
NCBI Accession #	NP_037377.1
NCBI GenBank Nucleotide #	NM_013245.2
UniProt Accession #	Q9UN37; Q8TF07; Q9UI03; Q9Y582; B2RCB7
Molecular Weight	48,898 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 4A
NCBI Official Synonym Full Names	vacuolar protein sorting 4 homolog A
NCBI Official Symbol	VPS4A
NCBI Official Synonym Symbols	SKD1; SKD2; VPS4; SKD1A; VPS4-1
NCBI Protein Information	vacuolar protein sorting-associated protein 4A
UniProt Protein Name	Vacuolar protein sorting-associated protein 4A
UniProt Gene Name	VPS4A
UniProt Synonym Gene Names	hVPS4
UniProt Entry Name	VPS4A_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/vps4a-antibody-immunohistochemistry-western-blot-elisa/231606>