

Rabbit VPS29 Polyclonal Antibody | anti-VPS29 antibody

VPS29 Antibody

CATALOG # AAA233454	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

VPS29; Polyclonal Antibody; VPS29 Antibody; Vacuolar protein sorting-associated protein 29; hVPS29; PEP11 homolog; Vesicle protein sorting 29; DC15; DC7; MDS007; anti-VPS29 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	182
Applicable Applications for anti-VPS29 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Vacuolar protein sorting-associated protein 29 protein (68-145AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
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



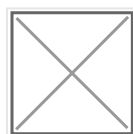
IHC (Immunohistochemisry)

Immunofluorescent analysis of PC3 cells using AAA233454 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA233454 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysate,HepG2 whole cell lysate,Hela whole cell lysate,Mouse heart tissue,Mouse brain tissue,Rat liver tissue,Rat kidney tissueAll lanes: VPS29 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 21 KDaObserved band size: 28 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-VPS29 antibody	Acts as component of the retromer cargo-selective complex (CSC). The CSC is believed to be the core functional component of retromer or respective retromer complex variants acting to prevent missorting of selected transmembrane cargo proteins into the lysosomal degradation pathway. The recruitment of the CSC to the endosomal membrane involves RAB7A and SNX3. The SNX-BAR retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX3-retromer mediates the retrograde endosome-to-TGN transport of WLS distinct from the SNX-BAR retromer pathway. The SNX27-retromer is believed to be involved in endosome-to-plasma membrane trafficking and recycling of a broad spectrum of cargo proteins. The CSC seems to act as recruitment hub for other proteins, such as the WASH complex and TBC1D5. Required to regulate transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA) (Probable). Involved in GLUT1 endosome-to-plasma membrane trafficking; the function is dependent of association with ANKRD27 (PubMed:24856514).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706441
NCBI GeneID	51699
NCBI Accession #	NP_057310.1
NCBI GenBank Nucleotide #	NM_016226.4
UniProt Accession #	Q9UBQ0; Q502Y5; Q6FIF8; Q6IAH3; Q9H0W0; Q9NRP1; Q9NRU7
Molecular Weight	20,927 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 29 isoform 1
NCBI Official Synonym Full Names	VPS29, retromer complex component
NCBI Official Symbol	VPS29
NCBI Official Synonym Symbols	DC7; DC15; PEP11
NCBI Protein Information	vacuolar protein sorting-associated protein 29
UniProt Protein Name	Vacuolar protein sorting-associated protein 29
UniProt Gene Name	VPS29
UniProt Synonym Gene Names	hVPS29

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/vps29-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233454>