

Rabbit anti-Human Charged multivesicular body protein 2a Polyclonal Antibody | anti-CHMP2A antibody

Rabbit anti-human Charged multivesicular body protein 2a polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81468	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

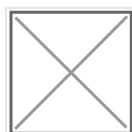
PRODUCT SYNONYMS

Charged multivesicular body protein 2a; Polyclonal Antibody; Rabbit anti-human Charged multivesicular body protein 2a polyclonal Antibody; anti-CHMP2A antibody

PRODUCT SPECIFICATIONS

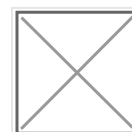
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	222
Applicable Applications for anti-CHMP2A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Charged multivesicular body protein 2a protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49905 / sc-49908 / sc-49907 / sc-67227
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 placenta using AAA81468 at dilution of 1:100



WB (Western Blot)

All lanes: Charged multivesicular body protein 2a antibody at 2ug/ml
Lane 1: EC109 whole cell lysate
Lane 2: 293T whole cell lysate
Secondary: Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size: 24 kDa
Observed band size: 16kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP2A antibody	Probable core component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. 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. The MVB pathway appears to require the sequential function of ESCRT-O, -I, -II and -III complexes. ESCRT-III proteins mostly dissociate from the invaginating membrane before the ILV is released. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and the budding of enveloped viruses (HIV-1 and other lentiviruses). ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4. Involved in HIV-1 p6- and p9-dependent virus release.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7656922
NCBI GeneID	27243
NCBI Accession #	NP_055268.1
NCBI GenBank Nucleotide #	NM_014453.3
UniProt Accession #	O43633; Q3ZTT0; B2R4W6
Molecular Weight	25,104 Da
NCBI Official Full Name	charged multivesicular body protein 2a
NCBI Official Synonym Full Names	charged multivesicular body protein 2A
NCBI Official Symbol	CHMP2A
NCBI Official Synonym Symbols	BC2; BC-2; VPS2; CHMP2; VPS2A
NCBI Protein Information	charged multivesicular body protein 2a
UniProt Protein Name	Charged multivesicular body protein 2a
UniProt Gene Name	CHMP2A
UniProt Synonym Gene Names	BC2; CHMP2; CHMP2a; Vps2-1; hVps2-1
UniProt Entry Name	CHM2A_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/charged-multivesicular-body-protein-2a-antibody-immunohistochemistry-western-blot-elisa/81468>