

Rabbit anti-Human Charged multivesicular body protein 5 Polyclonal Antibody | anti-CHMP5 antibody

Rabbit anti-human Charged multivesicular body protein 5 polyclonal Antibody

CATALOG # AAA119228	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

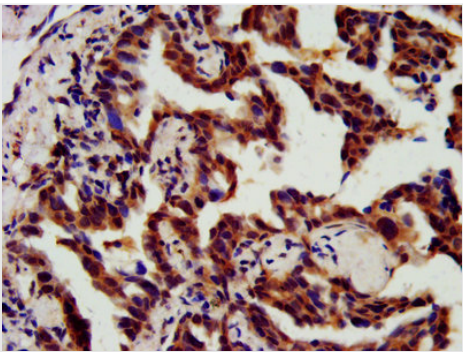
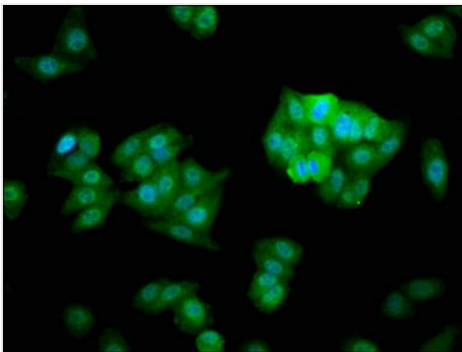
PRODUCT SYNONYMS

Charged multivesicular body protein 5; Polyclonal Antibody; Rabbit anti-human Charged multivesicular body protein 5 polyclonal Antibody; Chromatin-modifying protein 5; SNF7 domain-containing protein 2; Vacuolar protein sorting-associated protein 60; Vps60; hVps60; C9orf83; SNF7DC2; CGI-34; HSPC177; PNAS-114; PNAS-2; anti-CHMP5 antibody

PRODUCT SPECIFICATIONS

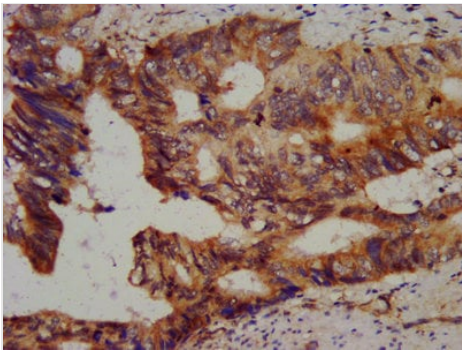
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	171
Applicable Applications for anti-CHMP5 antibody	WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Charged multivesicular body protein 5 protein(1-219AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49920 / sc-67230
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)
Immunofluorescence staining of HepG2 cells with AAA119228 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 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).

IHC (Immunohistochemistry)
IHC image of AAA119228 diluted at 1:800 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
IHC image of AAA119228 diluted at 1:800 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP5 antibody	Probable peripherally associated 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	306966146
NCBI GeneID	51510
NCBI Accession #	NP_001182465.1
NCBI GenBank Nucleotide #	NM_001195536.1

UniProt Accession #	Q9NZZ3 ; Q5VXW2 ; Q96AV2 ; Q9HB68 ; Q9NYS4 ; Q9Y323 ; B2RD95 ; B4DIR6
Molecular Weight	19,520 Da
NCBI Official Full Name	charged multivesicular body protein 5 isoform 2
NCBI Official Synonym Full Names	charged multivesicular body protein 5
NCBI Official Symbol	CHMP5
NCBI Official Synonym Symbols	Vps60; CGI-34; PNAS-2; C9orf83; HSPC177; SNF7DC2
NCBI Protein Information	charged multivesicular body protein 5
UniProt Protein Name	Charged multivesicular body protein 5
UniProt Gene Name	CHMP5
UniProt Synonym Gene Names	C9orf83; SNF7DC2; Vps60; hVps60
UniProt Entry Name	CHMP5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/charged-multivesicular-body-protein-5-antibody-western-blot-elisa/119228>