

Rabbit CHMP1B Polyclonal Antibody | anti-CHMP1B antibody

CHMP1B Antibody

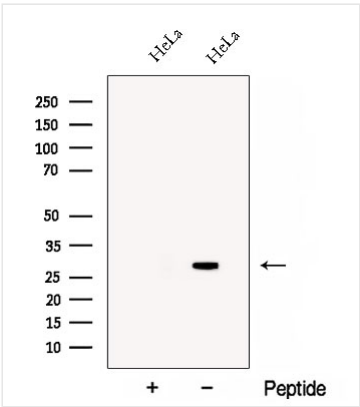
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328809	Rabbit	Human, Mouse, Rat Predicted: Zebrafish, Bovine, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

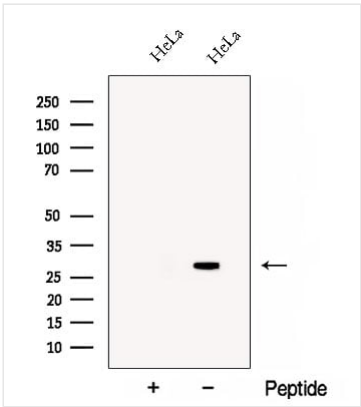
CHMP1B; Polyclonal Antibody; CHMP1B Antibody; 2810405I11Rik; C10orf2; C18 ORF2; C18orf2; Charged multivesicular body protein 1b; CHM1B_HUMAN; CHMP family; member 1B; CHMP1.5; CHMP1b; Chromosome 18 open reading frame 2; Chromatin-modifying protein 1b; hVps46-2; vacuolar protein sorting 46-2; Vacuolar protein sorting-associated protein 46-2; Vps46-2; Vps46B; anti-CHMP1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Zebrafish, Bovine, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	CHMP1B Antibody detects endogenous levels of CHMP1B.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	199
Applicable Applications for anti-CHMP1B antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CHMP1B.
Tissue Specificity	Widely expressed. Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta and brain.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endosome; Cytosol
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using CHMP1B Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from B16F10 cells, using CHMP1B Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP1B antibody	Description: 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 cytokinesis. Involved in recruiting VPS4A and/or VPS4B and SPAST to the midbody of dividing cells. Involved in HIV-1 p6- and p9-dependent virus release. Subunit Structure: Probable peripherally associated component of the endosomal sorting required for transport complex III (ESCRT-III). ESCRT-III components are thought to multimerize to form a flat lattice on the perimeter membrane of the endosome. Several assembly forms of ESCRT-III may exist that interact and act sequentially. Interacts with CHMP1A. Interacts with VTA1; the interaction probably involves the open conformation of CHMP1B. Interacts with CHMP2A. Interacts with VPS4A; the interaction is direct. Interacts with VPS4B; the interaction is direct. Interacts with SPAST (via MIT domain); the interaction is direct. Interacts with IST1. Interacts with MITD1. Interacts with STAMPB. Similarity: Belongs to the SNF7 family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542306
NCBI GeneID	57132
NCBI Accession #	NP_065145.2
NCBI GenBank Nucleotide #	NP_065145.2
UniProt Accession #	Q7LBR1
Molecular Weight	Observed: 28 kDa Predicted: 23 kDa
NCBI Official Full Name	charged multivesicular body protein 1b
NCBI Official Synonym Full Names	charged multivesicular body protein 1B

NCBI Official Symbol	CHMP1B
NCBI Official Synonym Symbols	Vps46B; C10orf2; C18orf2; CHMP1.5; Vps46-2; C18-ORF2; hVps46-2
NCBI Protein Information	charged multivesicular body protein 1b
UniProt Protein Name	Charged multivesicular body protein 1b
UniProt Gene Name	CHMP1B
UniProt Synonym Gene Names	C18orf2; CHMP1b; Vps46-2; hVps46-2
UniProt Entry Name	CHM1B_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/chmp1b-antibody-western-blot-elisa/328809>