

Rabbit CHMP2B Polyclonal Antibody | anti-CHMP2B antibody

CHMP2B Antibody

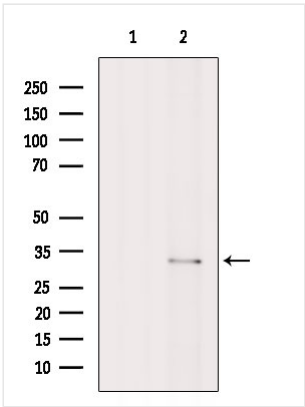
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328646	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

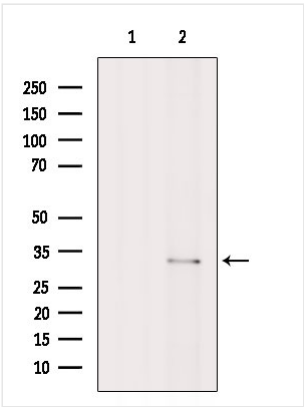
CHMP2B; Polyclonal Antibody; CHMP2B Antibody; ALS17; Charged multivesicular body protein 2b; CHM2B_HUMAN; CHMP family; member 2B; CHMP2.5; CHMP2b; Chromatin modifying protein 2b; Chromatin-modifying protein 2b; DMT1; hVps2-2; Vacuolar protein sorting 2; yeast; homolog of; B; Vacuolar protein sorting 2-2; Vacuolar protein sorting-associated protein 2-2; VPS2 homolog B; Vps2-2; VPS2B; anti-CHMP2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	CHMP2B Antibody detects endogenous levels of CHMP2B.
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	172
Applicable Applications for anti-CHMP2B antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CHMP2B.
Tissue Specificity	Widely expressed. Expressed in brain, heart, skeletal muscle, spleen, kidney, liver, small intestine, pancreas, lung, placenta and leukocytes. In brain, it is expressed in cerebellum, cerebral cortex, medulla, spinal chord, occipital lobe, frontal lobe, temporal lobe and putamen.
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 Colo205, using CHMP2B Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse brain tissue?, using CHMP2B Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP2B antibody	Description: 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. Subunit Structure: Probable core 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 CHMP2A. Interacts with VPS4A. Interacts with VPS4B; the interaction is direct. Similarity: The acidic C-terminus and the basic N-terminus are thought to render the protein in a closed, soluble and inactive conformation through an autoinhibitory intramolecular interaction. The open and active conformation, which enables membrane binding and oligomerization, is achieved by interaction with other cellular binding partners, probably including other ESCRT components (By similarity). Belongs to the SNF7 family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	347582619
NCBI GeneID	25978
NCBI Accession #	NP_001231573.1
NCBI GenBank Nucleotide #	NP_001231573.1
UniProt Accession #	Q9UQN3
Molecular Weight	Observed: 32 kDa Predicted: 24 kDa
NCBI Official Full Name	charged multivesicular body protein 2b isoform 2
NCBI Official Synonym Full Names	charged multivesicular body protein 2B
NCBI Official Symbol	CHMP2B
NCBI Official Synonym Symbols	DMT1; ALS17; VPS2B; VPS2-2; CHMP2.5

NCBI Protein Information	charged multivesicular body protein 2b
UniProt Protein Name	Charged multivesicular body protein 2b
UniProt Gene Name	CHMP2B
UniProt Synonym Gene Names	CHMP2b; Vps2-2; hVps2-2
UniProt Entry Name	CHM2B_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/chmp2b-antibody-western-blot-elisa/328646>