

Rabbit anti-Human CHMP2B Monoclonal Antibody | anti-CHMP2B antibody

CHMP2B Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282705	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

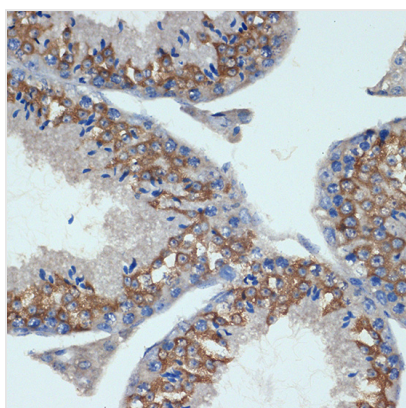
PRODUCT SYNONYMS

CHMP2B; Monoclonal Antibody; CHMP2B Rabbit mAb; DMT1; ALS17; VPS2B; VPS2-2; CHMP2.5; FTDALS7; anti-CHMP2B antibody

PRODUCT SPECIFICATIONS

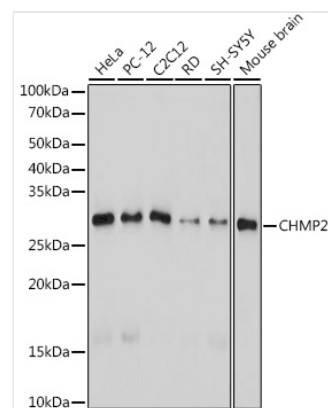
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KKMDPQKTLQ TMQNFQKENM KMEMTEEMIN DTLDDIFDGS DDEEESQDIV NQVLDEIGIE ISGKMAKAPS AARSLPSAST SKATISDEEI ERQLKALGVD
Applicable Applications for anti-CHMP2B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 114-213 of human CHMP2B (Q9UQN3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse testis using CHMP2B Rabbit mAb (AAA282705) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using CHMP2B Rabbit mAb (AAA282705) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP2B antibody	This gene encodes a component of the heteromeric ESCRT-III complex (Endosomal Sorting Complex Required for Transport III) that functions in the recycling or degradation of cell surface receptors. ESCRT-III functions in the concentration and invagination of ubiquitinated endosomal cargos into intraluminal vesicles. The protein encoded by this gene is found as a monomer in the cytosol or as an oligomer in ESCRT-III complexes on endosomal membranes. It is expressed in neurons of all major regions of the brain. Mutations in this gene result in one form of familial frontotemporal lobar degeneration.
Product Categories/Family for anti-CHMP2B antibody	Signal Transduction; Cell Biology Developmental Biology; Autophagy; Neuroscience; Neurodegenerative Diseases; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	347582619
NCBI GeneID	25978
NCBI Accession #	NP_001231573.1
NCBI GenBank Nucleotide #	NM_001244644.1
UniProt Accession #	Q9UQN3; Q53HC7; Q9Y4U6; B4DJG8
Molecular Weight	Calculated MW: 24kDa Observed MW: 28kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/chmp2b-antibody-immunohistochemistry-western-blot-elisa/282705>