

Rabbit anti-Human, Mouse CHMP2B Polyclonal Antibody | anti-CHMP2B antibody

CHMP2B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304370	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CHMP2B; Polyclonal Antibody; CHMP2B Antibody; DMT1; ALS17; VPS2B; VPS2-2; CHMP2.5; anti-CHMP2B antibody

PRODUCT SPECIFICATIONS

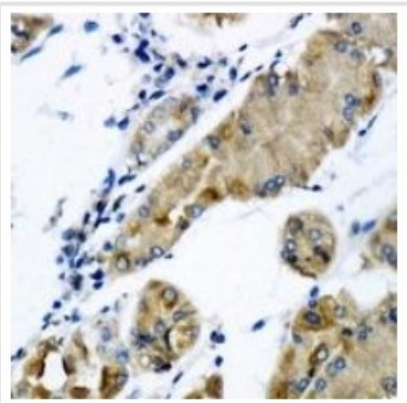
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CHMP2B protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	172
Applicable Applications for anti-CHMP2B antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CHMP2B.
Target Name	CHMP2B
Preparation and Storage	Store at -20 degree C

IMAGES



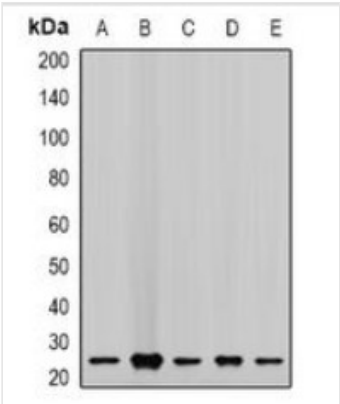
IF (Immunofluorescence)

Immunofluorescent analysis of CHMP2B staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of CHMP2B staining in human gastric cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CHMP2B expression in MCF7 (A),LOVO (B), A549 (C), mouse lung (D), mouse kidney (E) whole cell lysates.

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 intralumenal 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	Total protein Ab

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	24Kd
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chmp2b-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/304370>