

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

CHMP2B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281047	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

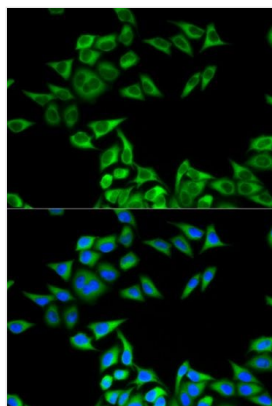
PRODUCT SYNONYMS

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

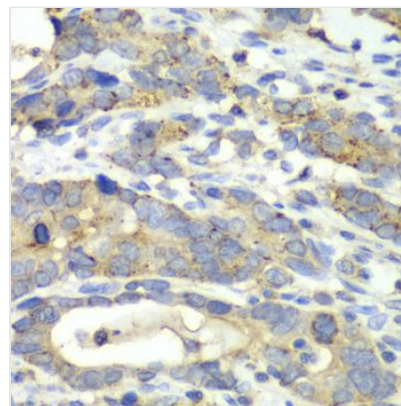
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MASLFKKKTV DDVIQENRE LRGTQRAIR DRAALEKQEK QLELEIKKMA KIGNKEACKV LAKQLVHLRK QKTRTFVSS KVTSMSTQTK VMNSQMKMAG AMSTTAKTMQ AVNKKMDPQK TLQTMQNFQK ENMKMEMTEE MINDTLDDIF DGSDEEESQ DIVNQLDEI GIEISGKMAK APSAARSLPS ASTSKATISD EEIERQLKAL GVD
Sequence Length	172
Applicable Applications for anti-CHMP2B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CHMP2B
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Late endosome membrane, Peripheral membrane protein, cytosol
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

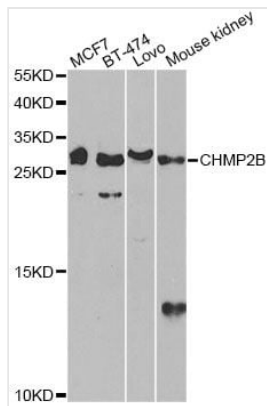
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using CHMP2B antibody. Blue: DAPI for nuclear staining.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using CHMP2B antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CHMP2B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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	Polyclonal 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: 19kDa; 23kDa Observed: 28kDa
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

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.

