

# CHMP2B Rabbit pAb

Catalog No.: A5399

## Basic Information

### Observed MW

28kDa

### Calculated MW

24kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

25978

### Swiss Prot

Q9UQN3

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-213 of human CHMP2B (NP\_054762.2).

### Synonyms

DMT1; ALS17; VPS2B; VPS2-2; CHMP2.5; FTDALS7; CHMP2B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

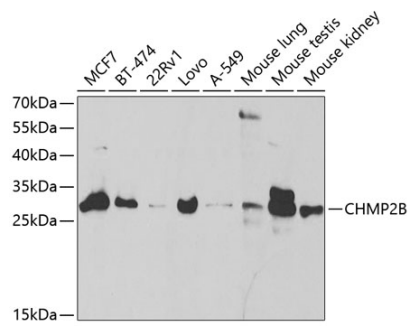
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CHMP2B antibody (A5399) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.