Product Datasheet

CHMP2B Antibody

Catalog No: #32829

Package Size: #32829-1 50ul #32829-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CHMP2B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB;IHC;ICC/IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total CHMP2B protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CHMP2B.
Target Name	CHMP2B
Other Names	DMT1; ALS17; VPS2B; VPS2-2; CHMP2.5
Accession No.	Swiss-Prot:Q9UQN3NCBI Gene ID:25978
Uniprot	Q9UQN3
GeneID	25978;
SDS-PAGE MW	24KD
Concentration	1.0mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20°C

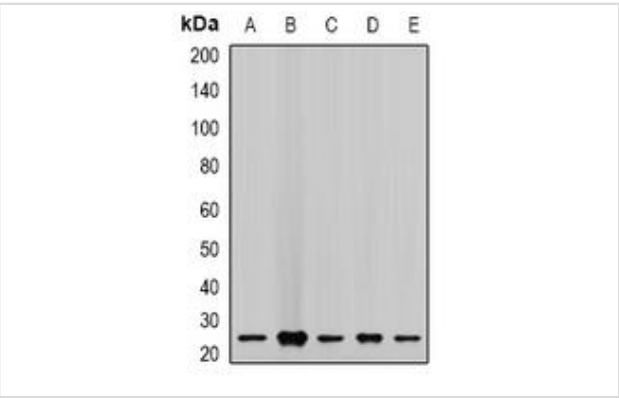
Application Details

WB 1:500 - 1:2000;

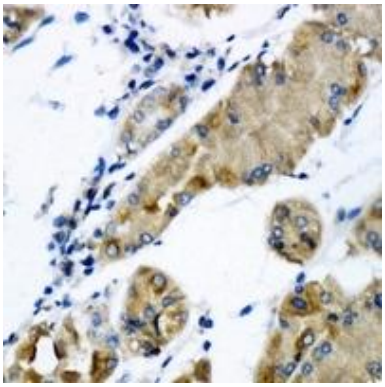
IHC 1:50-1:200;

ICC/IF 1:50-1:200

Images



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



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.

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.

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 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.

Note: This product is for in vitro research use only