

Datasheet for ABIN6989680
anti-CHMP2B antibody



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Overview

Quantity:	100 µL
Target:	CHMP2B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CHMP2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic Peptide within Human CHMP2B.
Clone:	3H5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CHMP2B
Alternative Name:	CHMP2B (CHMP2B Products)
Background:	Synonyms: ALS17 antibody, Charged multivesicular body protein 2b antibody, CHM2B_HUMAN

Target Details

antibody, CHMP family, member 2B antibody, CHMP2.5 antibody, CHMP2b antibody, Chromatin modifying protein 2b antibody, Chromatin-modifying protein 2b antibody, DMT1 antibody, hVps2-2 antibody, Vacuolar protein sorting 2, yeast, homolog of, B antibody, Vacuolar protein sorting 2-2 antibody, Vacuolar protein sorting-associated protein 2-2 antibody, VPS2 homolog B antibody, Vps2-2 antibody, VPS2B antibody

Background: The charged multivesicular body proteins, commonly designated CHMPs, belong to the vacuolar sorting protein family and function as chromatin-modifying proteins. CHMP1-6 are all components of ESCRT (endosomal sorting complex required for transport) I, II or III complexes. These complexes are crucial for sorting endosomal articles into multivesicular bodies (MVBs), and are also required for the formation of these bodies. CHMP2B, also known as CHMP2.5 or vacuolar protein-sorting-associated protein 2-2, is a 213 amino acid cytosolic protein. Widely expressed in brain, heart, skeletal muscle, small intestine, pancreas, lung, placenta and leukocytes, CHMP2B associates directly with CHMP2A and vps4 for the disassembly of the ESCRT-III complex. Defects in the gene encoding CHMP2B have been shown to cause chromosome 3-linked frontotemporal dementia (FTD3).

Gene ID: 25978

UniProt: [Q9UQN3](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months