

Datasheet for ABIN350233
anti-CHMP6 antibody (C-Term)



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Overview

Quantity:	500 µg
Target:	CHMP6
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This CHMP6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from the c-terminal region of mouse CHMP6 conjugated to an immunogenic carrier protein was used as the antigen. The peptide shares 95% identity with rat's.
Isotype:	IgG
Specificity:	Specific for CHMP6.
Cross-Reactivity:	Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	CHMP6
Alternative Name:	CHMP6 (CHMP6 Products)
Background:	<p>FUNCTION: Component of the ESCRT-III complex, which is required for multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-III complex is probably involved in the concentration of MVB cargo. In the ESCRT-III complex, it probably serves as an acceptor for ESCRT-II complex on endosomal membranes.</p> <p>SUBUNIT: Component of the endosomal sorting required for transport complex III (ESCRT-III), at least composed of CHMP1A, CHMP1B, CHMP2A, CHMP2B, CHMP3/VPS24, CHMP4A/SHAX2, CHMP4B/SHAX1, CHMP4C/SHAX3, CHMP5/SNF7DC2 and CHMP6/VPS20. In the complex, it interacts directly with CHMP4A, CHMP4B and CHMP4C. Interacts directly with SNF8, VPS25 and VPS36 components of the ESCRT-II complex.</p> <p>SUBCELLULAR LOCATION: Intracytoplasmic membrane. Endosome membrane, Lipid-anchor . Note: Localizes to endosomal membranes.,Vesicle Protein Sorting,Charged multivesicular body protein 6, Chromatin-modifying protein 6</p>
UniProt:	P0C0A3

Application Details

Application Notes:	IHC, WB. Use at a concentration of 10-50 µg/ml. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months