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Datasheet for ABIN350226 **anti-CHMP3 antibody (N-Term)**

Overview

Quantity:	500 µg
Target:	CHMP3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from the n-terminal of human VPS24 conjugated to an immunogenic carrier protein was used as the antigen. The antigen is homologous in rat and mouse.
Isotype:	IgG
Specificity:	Specific for CHMP3.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	CHMP3
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Target Details

Alternative Name: VPS24 ([CHMP3 Products](#))

Background: 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. Required for sorting/trafficking of EGF receptor. In case of infection, the HIV-1 virus takes advantage of the ESCRT-III complex for budding and exocytic cargos of viral proteins. SUBCELLULAR LOCATION: Cytoplasm, cytosol. Membrane, Lipid-anchor. TISSUE SPECIFICITY: Widely expressed. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas., Vesicle Protein Sorting, Chromatin-modifying protein 3, Vacuolar protein-sorting-associated protein 24, hVps24, Neuroendocrine differentiation factor, Charged multivesicular body protein 3, NEDF

UniProt: [Q9Y3E7](#)

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