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Datasheet for ABIN7147534

anti-CHMP6 antibody (AA 2-201) (Biotin)

Overview

Quantity:	100 µg
Target:	CHMP6
Binding Specificity:	AA 2-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHMP6 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Charged multivesicular body protein 6 protein (2-201AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CHMP6
Alternative Name:	CHMP6 (CHMP6 Products)
Background:	Background: Probable core component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting

Target Details

of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. The MVB pathway appears to require the sequential function of ESCRT-0, -I, -II and -III complexes. ESCRT-III proteins mostly dissociate from the invaginating membrane before the ILV is released. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and the budding of enveloped viruses (HIV-1 and other lentiviruses). ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4. In the ESCRT-III complex, it probably serves as an acceptor for the ESCRT-II complex on endosomal membranes.

Aliases: Charged multivesicular body protein 6 antibody, chmp6 antibody, CHMP6_HUMAN antibody, Chromatin modifying protein 6 antibody, Chromatin-modifying protein 6 antibody, FLJ11749 antibody, hVps 20 antibody, hVps20 antibody, novel SNF7 protein antibody, OTTMUSP00000004363 antibody, RGD1565325 antibody, RP24 225K18.4 antibody, Vacuolar protein sorting associated protein 20 antibody, Vacuolar protein sorting-associated protein 20 antibody, Vps 20 antibody, Vps20 antibody

UniProt: [Q96FZ7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.