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Datasheet for ABIN7147532

**anti-CHMP5 antibody (AA 1-219) (HRP)**

## Overview

Quantity:	100 µg
Target:	CHMP5
Binding Specificity:	AA 1-219
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHMP5 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Charged multivesicular body protein 5 protein (1-219AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CHMP5
Alternative Name:	CHMP5 ( <a href="#">CHMP5 Products</a> )
Background:	Background: Probable peripherally associated component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs)

## Target Details

formation and sorting 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-O, -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. Involved in HIV-1 p6- and p9-dependent virus release.

Aliases: apoptosis-related protein PNAS-2 antibody, C9orf83 antibody, CGI 34 antibody, Charged multivesicular body protein 5 antibody, CHMP 5 antibody, CHMP family, member 5 antibody, chmp5 antibody, CHMP5\_HUMAN antibody, Chromatin modifying protein 5 antibody, Chromatin-modifying protein 5 antibody, Chromosome 9 open reading frame 83 antibody, HGNC:26942 antibody, HSPC177 antibody, hVps60 antibody, PNAS 2 antibody, SNF7 domain containing protein 2 antibody, SNF7 domain-containing protein 2 antibody, SNF7DC2 antibody, Vacuolar protein sorting 60 antibody, Vacuolar protein sorting-associated protein 60 antibody, Vps60 antibody

UniProt: [Q9NZZ3](#)

## 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

## Handling

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