

Datasheet for ABIN2787213

anti-CHMP1B antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CHMP1B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHMP1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CHMP1B
Sequence:	KIKKAIQKGN MEVARIHAEN AIRQKNQAVN FLRMSARVDA VAARVQTAVT
Predicted Reactivity:	Cow: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CHMP1B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CHMP1B
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Target Details

Alternative Name:	CHMP1B (CHMP1B Products)
Background:	CHMP1B belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]). Alias Symbols: C10orf2, C18-ORF2, C18orf2, CHMP1.5, Vps46-2, Vps46B, hVps46-2 Protein Interaction Partner: STAMBP, UBC, ATP6V1B1, CHMP4B, KNSTRN, CHMP1B, CHMP5, VPS4A, CNOT10, SNRNP200, SUCLG1, RAB11A, RASSF7, SSRP1, CHMP1A, USP54, USP8, SPAST, ELAVL1, IST1, VPS4B, Protein Size: 199
Molecular Weight:	22 kDa
Gene ID:	57132
NCBI Accession:	NM_020412 , NP_065145
UniProt:	Q7LBR1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 199 AA
Restrictions:	For Research Use only

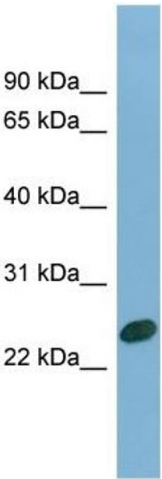
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CHMP1B Antibody Titration:
0.2-1 ug/ml
Positive Control: Human heart