

Product datasheet for **TA344782**

CHMP1B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CHMP1B antibody: synthetic peptide directed towards the N terminal of human CHMP1B. Synthetic peptide located within the following region: KIKKAIQKGNMEVARIHAENAIRQKNQAVNFLRMSARVDAVAARVQTAVT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	charged multivesicular body protein 1B
Database Link:	NP_065145 Entrez Gene 57132 Human Q7LBR1



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- 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]).
- Synonyms:** C10orf2; C18-ORF2; C18orf2; CHMP1.5; hVps46-2; Vps46-2; Vps46B
- Note:** Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Pig: 93%; Guinea pig: 93%
- Protein Families:** Druggable Genome
- Protein Pathways:** Endocytosis
- Product images:**



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