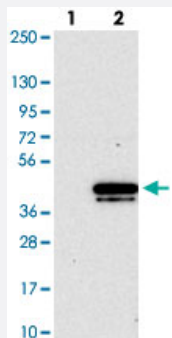


# CHMP4B polyclonal antibody

Catalog # PAB27902      Size 100 uL

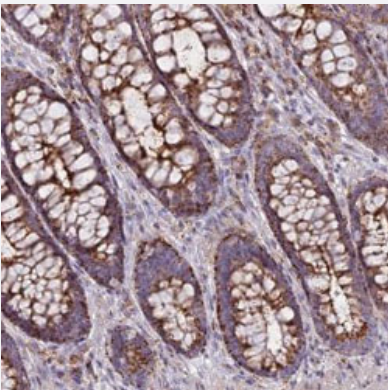
## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate).

Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with CHMP4B polyclonal antibody (Cat # PAB27902).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rectum with CHMP4B polyclonal antibody (Cat # PAB27902) shows strong granular cytoplasmic positivity in glandular cells.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant CHMP4B.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human CHMP4B.
<b>Sequence</b>	SVFGKLFGAGGGKAGKGGPTPQEAIQRLRDTEEMLSKK
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2, (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate).

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## Gene Info — CHMP4B

Entrez GeneID	<a href="#">128866</a>
Gene Name	CHMP4B
Gene Alias	C20orf178, CHMP4A, CTPP3, SNF7, SNF7-2, Shax1, dJ553F4.4
Gene Description	chromatin modifying protein 4B
Omim ID	<a href="#">605387</a> <a href="#">610897</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

CHMP4B 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]).[supplied by OMIM]

**Other Designations**

OTTHUMP00000030668|Snf7 homologue associated with Alix 1

**Pathway**

- [Endocytosis](#)