

**Chmp5 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15283****Specification**

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**Chmp5 Antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9D7S9</a>
Other Accession	<a href="#">NM_029814</a> , <a href="#">NP_084090</a>
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24kDa kDa

**Chmp5 Antibody - C-terminal region - Additional Information****Gene ID** 76959**Alias Symbol** 2210412K09Rik, AW545668**Other Names**

Charged multivesicular body protein 5, Chromatin-modifying protein 5, SNF7 domain-containing protein 2, Chmp5, Snf7dc2

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Chmp5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

Chmp5 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**Chmp5 Antibody - C-terminal region - Protein Information****Name** Chmp5**Synonyms** Snf7dc2**Function**

Probable peripherally associated component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) 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. ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4 (By similarity).

#### Cellular Location

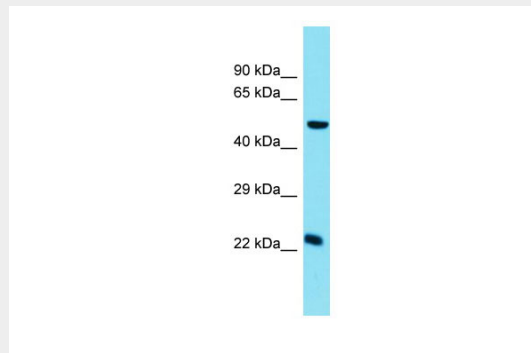
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9NZZ3}. Endosome membrane; Peripheral membrane protein. Midbody {ECO:0000250|UniProtKB:Q9NZZ3}. Note=Localizes to the midbody of dividing cells. Localized in two distinct rings on either side of the Flemming body. {ECO:0000250|UniProtKB:Q9NZZ3}

#### Chmp5 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Chmp5 Antibody - C-terminal region - Images



Host: Rabbit  
Target Name: Chmp5  
Sample Tissue: Mouse Small Intestine lysates  
Antibody Dilution: 1.0µg/ml

#### Chmp5 Antibody - C-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005).