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

Specification

Chmp5 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9D7S9
Other Accession	NM_029814, NP_084090
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).

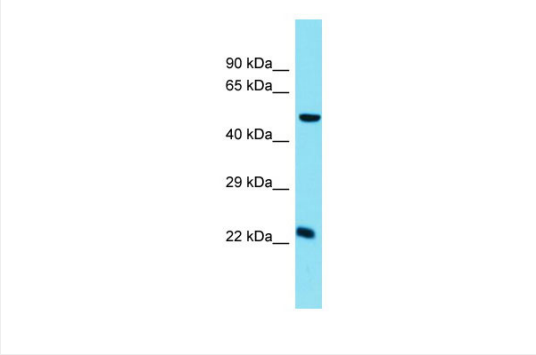
Cellular Location
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9NZZ3}. Endosome membrane; Peripheral membrane protein. Midbody {ECO:0000250|UniProtKB:Q9NZZ3}. Note=Localizes to the midbody of dividing cells. Localized in two distinct rings on either side of the Flemming body. {ECO:0000250|UniProtKB:Q9NZZ3}

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 Cytomety
- 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).