

Vps36 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al14011

Specification

Vps36 antibody - N-terminal region - Product Information

Application WB

Primary Accession Q91XD6

Other Accession <u>NM_027338</u>, <u>NP_081614</u>

Reactivity Human, Mouse, Rat, Rabbit, Pig, Horse,

Bovine, Guinea Pig, Dog

Predicted Human, Mouse, Rat, Rabbit, Pig, Chicken,

Horse, Bovine, Guinea Pig, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 42kDa KDa

Vps36 antibody - N-terminal region - Additional Information

Gene ID 70160

Alias Symbol 1700010A24Rik, 2210415M20Rik,

2810408E15Rik, Eap45

Other Names

Vacuolar protein-sorting-associated protein 36, ESCRT-II complex subunit VPS36, Vps36

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-Vps36 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

Vps36 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Vps36 antibody - N-terminal region - Protein Information

Name Vps36

Function

Component of the ESCRT-II complex (endosomal sorting complex required for transport II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. Its ability to bind ubiquitin probably plays a role in endosomal sorting of ubiquitinated cargo proteins by ESCRT complexes. The ESCRT-II complex may also play a role in



transcription regulation, possibly via its interaction with ELL. Binds phosphoinosides such as PtdIns(3,4,5)P3.

Cellular Location

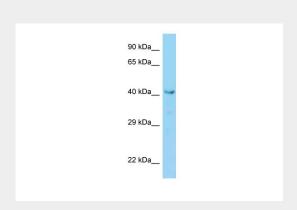
Cytoplasm. Endosome. Late endosome. Membrane Nucleus. Note=Colocalizes with ubiquitinated proteins on late endosomes. Recruited to the endosome membrane to participate in vesicle formation.

Vps36 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Vps36 antibody - N-terminal region - Images



WB Suggested Anti-Vps36 Antibody Titration: 1.0 µg/ml

Positive Control: Mouse Liver

Vps36 antibody - N-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005). Hirano S., et al. Nat. Struct. Mol. Biol. 13:1031-1032(2006).