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LOC681989 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14152

Specification

LOC681989 Antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q5PQN6
Other Accession	NM_001101004, NP_001094474
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**50kDa KDa**

LOC681989 Antibody - middle region - Additional Information

Gene ID 681989

Alias Symbol	**Spe39, Vipar, hSPE-39**

Other Names
Spermatogenesis-defective protein 39 homolog, hSPE-39, VPS33B-interacting protein in apical-basolateral polarity regulator, VPS33B-interacting protein in polarity and apical restriction, Vipas39, Spe39, Vipar

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-LOC681989 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
LOC681989 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

LOC681989 Antibody - middle region - Protein Information

Name Vipas39

Synonyms Spe39, Vipar

Function
Proposed to be involved in endosomal maturation implicating in part VPS33B. In epithelial cells, the VPS33B:VIPAS39 complex may play a role in the apical RAB11A-dependent recycling pathway and in the maintenance of the apical-basolateral polarity. May play a role in lysosomal trafficking,

probably via association with the core HOPS complex in a discrete population of endosomes; the functions seems to be independent of VPS33B. May play a role in vesicular trafficking during spermatogenesis. May be involved in direct or indirect transcriptional regulation of E-cadherin (By similarity).

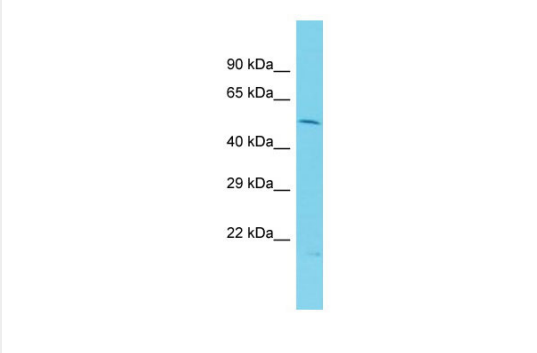
Cellular Location
Cytoplasm. Cytoplasmic vesicle. Early endosome {ECO:0000250|UniProtKB:Q9H9C1}. Recycling endosome {ECO:0000250|UniProtKB:Q9H9C1}. Late endosome {ECO:0000250|UniProtKB:Q9H9C1}. Note=Colocalizes in clusters with VPS33B at cytoplasmic organelles. {ECO:0000250|UniProtKB:Q9H9C1}

LOC681989 Antibody - middle 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

LOC681989 Antibody - middle region - Images



Host: Rabbit
Target Name: LOC681989
Sample Tissue: Rat Thymus lysates
Antibody Dilution: 1.0µg/ml