

**LOC681989 Antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14152****Specification**

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**LOC681989 Antibody - middle region - Product Information**

Application	WB
Primary Accession	<a href="#">Q5PON6</a>
Other Accession	<a href="#">NM_001101004</a> , <a href="#">NP_001094474</a>
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, Vipar39, 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** Vipar39**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

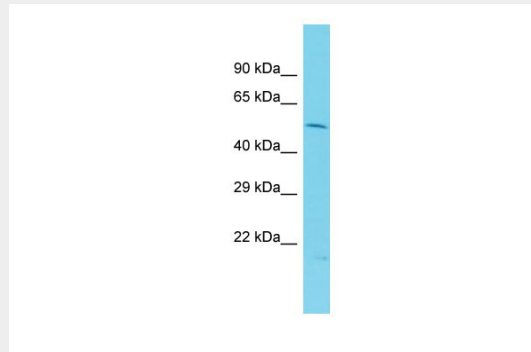
Cytoplasm. Cytoplasmic vesicle. Early endosome {ECO:0000250|UniProtKB:Q9H9C1}. Recycling endosome {ECO:0000250|UniProtKB:Q9H9C1}. Late endosome {ECO:0000250|UniProtKB:Q9H9C1}. Note=Colocalizes in clusters with VPS33B at cytoplasmic organelles. {ECO:0000250|UniProtKB:Q9H9C1}

#### 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 Cytometry](#)
- [Cell Culture](#)

#### LOC681989 Antibody - middle region - Images



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