



## Rabbit Anti-LIP5 antibody

SL4703R

<b>Product Name:</b>	LIP5
<b>Chinese Name:</b>	LIP5抗体
<b>Alias:</b>	C6orf55 Chromosome 6 open reading frame 55; Dopamine responsive protein DRG 1; Dopamine-responsive gene 1 protein; DRG 1; DRG-1; DRG1; Homolog of mouse SKD1 binding protein 1; HSPC228; LIP5; LYST interacting protein 5; LYST-interacting protein 5; My012; SBP1; SKD1 binding protein 1; SKD1-binding protein 1; Vacuolar protein sorting-associated protein VTA1 homolog; Vps20 associated 1 homolog ( <i>S. cerevisiae</i> ); VTA1; VTA1 HUMAN
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	34kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LIP5:101-200/307
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in

lysosomes (Ward et al., 2005 [PubMed 15644320]).[supplied by OMIM, Mar 2008]

**Function:**

Involved in the endosomal multivesicular bodies (MVB) pathway. 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. Thought to be a cofactor of VPS4A/B, which catalyzes disassembles membrane-associated ESCRT-III assemblies. Involved in the sorting and down-regulation of EGFR. Involved in HIV-1 budding.

**Subunit:**

Interacts with VPS4B. Interacts with CHMP1B. Interacts with CHMP2A; the interaction probably involves the open conformation of (polymerized) CHMP2A. Interacts with CHMP3. Interacts with CHMP5; the interaction involves soluble CHMP5. Interacts with IST1.

**Subcellular Location:**

Cytoplasm. Endosome membrane; Peripheral membrane protein (Probable).

**Similarity:**

Belongs to the VTA1 family.

**SWISS:**

Q9NP79

**Gene ID:**

51534

**Database links:**

[Entrez Gene: 506430](#)Cow

[Entrez Gene: 51534](#)Human

[Entrez Gene: 66201](#)Mouse

[Entrez Gene: 292640](#)Rat

[GenBank: BC005937](#)Human

[Omim: 610902](#)Human

[SwissProt: Q32L63](#)Cow

[SwissProt: Q9NP79](#)Human

[SwissProt: Q9CR26](#)Mouse

[Unigene: 431367](#)Human

[Unigene: 227983](#)Mouse

**Important Note:**

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