



## Rabbit Anti-VAPA antibody

SL4226R

<b>Product Name:</b>	VAPA
<b>Chinese Name:</b>	囊泡相关膜蛋白相关蛋白A抗体
<b>Alias:</b>	VAMP A; VAMP associated protein A; VAP 33; VAP A; VAP33; Vesicle associated membrane protein associated protein A; VAPA HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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>	28kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human VAPA:101-200/249
<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>	VAPA is a type IV membrane protein, present in the plasma membrane, intracellular vesicles and may also be associated with the cytoskeleton. This protein may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility. Two transcript variants encoding distinct isoforms have been identified.  <b>Function:</b>

May play a role in vesicle trafficking.

**Subunit:**

Homodimer, and heterodimer with VAPB. Interacts with VAMP1, VAMP2, STX1A, BET1, SEC22C and with the C-terminal domain of OCLN. Interacts with OSBPL1A. Interacts (via MSP domain) with ZFYVE27; may retain ZFYVE27 in the endoplasmic reticulum and regulate its function in cell projections formation.

**Subcellular Location:**

Endoplasmic reticulum membrane; Single-pass type IV membrane protein.

**Tissue Specificity:**

Ubiquitous.

**Similarity:**

Belongs to the VAMP-associated protein (VAP) (TC 9.B.17) family. Contains 1 MSP domain.

**SWISS:**

Q9P0L0

**Gene ID:**

9218

**Database links:**

[Entrez Gene: 9218](#)Human

[Entrez Gene: 30960](#)Mouse

[Entrez Gene: 58857](#)Rat

[Omir: 605703](#)Human

[SwissProt: Q0VCY1](#)Cow

[SwissProt: Q9P0L0](#)Human

[SwissProt: Q9WV55](#)Mouse

[SwissProt: Q9Z270](#)Rat

[Unigene: 165195](#)Human

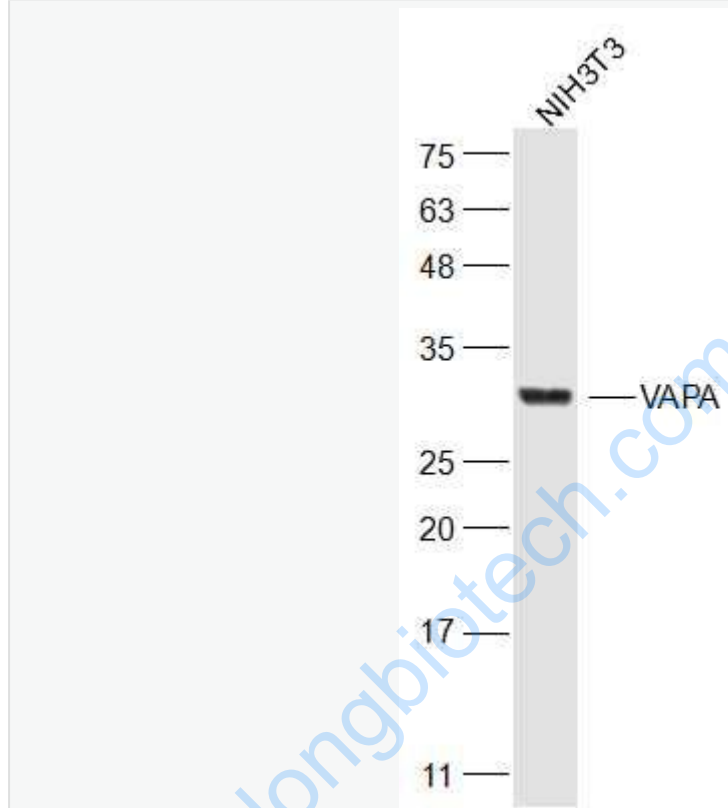
[Unigene: 266767](#)Mouse

[Unigene: 162275](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

NIH/3T3(Mouse) Cell Lysate at 30 ug

Primary: Anti-VAPA (SL4226R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 28 kD

Observed band size: 28 kD