

Vamp1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14406**Specification**

Vamp1 antibody - middle region - Product Information

Application	WB
Primary Accession	Q63666
Other Accession	NM_013090 , NP_037222
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13kDa kDa

Vamp1 antibody - middle region - Additional Information**Gene ID** 25624**Alias Symbol** **Syb1****Other Names**

Vesicle-associated membrane protein 1, VAMP-1, Synaptobrevin-1, Vamp1, Syb1

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-Vamp1 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

Vamp1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Vamp1 antibody - middle region - Protein Information**Name** Vamp1**Synonyms** Syb1**Function**

Involved in the targeting and/or fusion of transport vesicles to their target membrane.

Cellular Location

[Isoform 1]: Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass type IV membrane protein. Synapse, synaptosome [Isoform 3]: Mitochondrion outer membrane;

Single-pass type IV membrane protein. Note=Isoforms 2 and 3 are found in perinuclear as well as peripheral punctate structures in osteoblasts. {ECO:0000250|UniProtKB:P23763}

Tissue Location

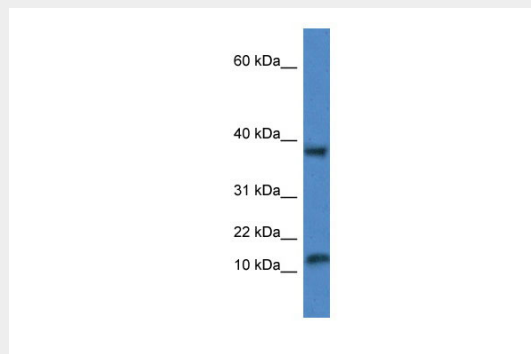
Expressed in brain and spleen (at protein level). Isoform 1 expressed at very high level in brain. Even higher level found in spinal cord. Isoform 3 expressed in kidney, spleen and liver Isoforms 2 and 3 expressed in osteoblasts of trabecular bone. Also expressed in heart.

Vamp1 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](#)

Vamp1 antibody - middle region - Images



WB Suggested Anti-Vamp1 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Lung

Vamp1 antibody - middle region - References

Elferink L.A.,et al.J. Biol. Chem. 264:11061-11064(1989).
Mandic R.,et al.Gene 199:173-179(1997).
Prele C.M.,et al.Exp. Cell Res. 282:24-34(2003).
Friedland D.R.,et al.Submitted (JUN-2007) to the EMBL/GenBank/DDBJ databases.