

SYT12 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14407**Specification**

SYT12 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8IV01
Other Accession	NM_177963 , NP_808878
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 46kDa KDa

SYT12 antibody - N-terminal region - Additional Information**Gene ID** 91683**Alias Symbol** **SRG1, SYT11, sytXII**
Other Names
Synaptotagmin-12, Synaptotagmin XII, SytXII, SYT12**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-SYT12 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

SYT12 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SYT12 antibody - N-terminal region - Protein Information**Name** SYT12**Function**

Synaptic vesicle phosphoprotein that enhances spontaneous neurotransmitter release but does not effect induced neurotransmitter release (By similarity). Unlike other synaptotagmins, it does not bind Ca(2+) or phospholipids (By similarity). Essential for mossy-fiber long-term potentiation in the hippocampus (By similarity).

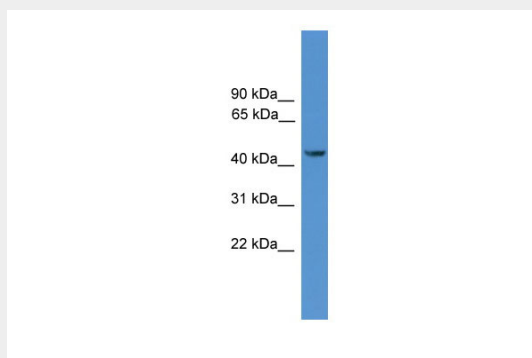
Cellular LocationCytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane
{ECO:0000250|UniProtKB:P97610}; Single-pass membrane protein

SYT12 antibody - N-terminal 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](#)

SYT12 antibody - N-terminal region - Images



WB Suggested Anti-SYT12 Antibody Titration: 1.0 µg/ml

Positive Control: PANC1 Whole Cell SYT12 is strongly supported by BioGPS gene expression data to be expressed in Human PANC1 cells