

Synaptotagmin XII Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54487**Specification**

Synaptotagmin XII Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8IV01
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46537

Synaptotagmin XII Polyclonal Antibody - Additional Information**Gene ID** 91683**Other Names**

Synaptotagmin-12, SYT12

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Synaptotagmin XII Polyclonal Antibody - 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 Location

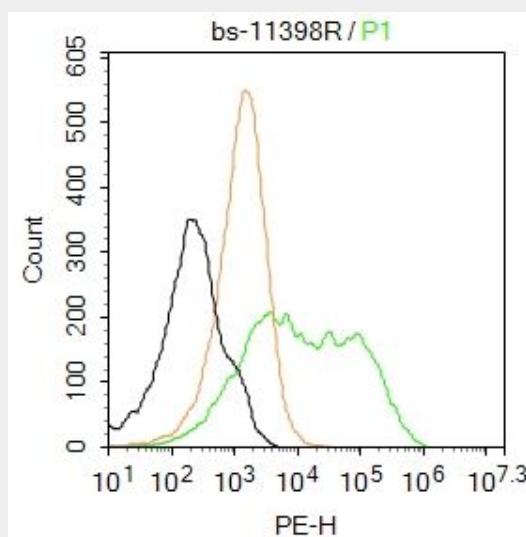
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane
{ECO:0000250|UniProtKB:P97610}; Single-pass membrane protein

Synaptotagmin XII Polyclonal Antibody - 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](#)

Synaptotagmin XII Polyclonal Antibody - Images



Blank control:HeLa.

Primary Antibody (green line): Rabbit Anti- Synaptotagmin XII antibody (bs-11398R)

Dilution: 2 µg /10⁶ cells;

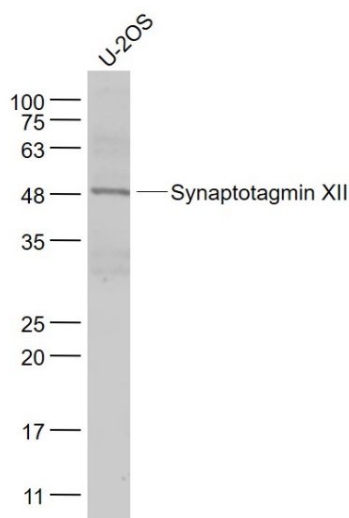
Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution: 1 µg /test.

Protocol

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Sample:

U-2OS(Human) Cell Lysate at 30 ug

Primary: Anti- Synaptotagmin XII (bs-11398R) at 1/1000 dilution

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

Predicted band size: 47 kD

Observed band size: 48 kD