

SYT10 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15537**Specification**

SYT10 Antibody - middle region - Product Information

Application	WB
Primary Accession	Q6XYQ8
Other Accession	NM_198992 , NP_945343
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58kDa KDa

SYT10 Antibody - middle region - Additional Information**Gene ID** 341359**Other Names**

Synaptotagmin-10, Synaptotagmin X, SytX, SYT10

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-SYT10 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

SYT10 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SYT10 Antibody - middle region - Protein Information**Name** SYT10**Function**

Ca(2+) sensor specifically required for the Ca(2+)-dependent exocytosis of secretory vesicles containing IGF1 in neurons of the olfactory bulb. Exocytosis of IGF1 is required for sensory perception of smell. Not involved in Ca(2+)-dependent synaptic vesicle exocytosis (By similarity). Acts through Ca(2+) and phospholipid binding to the C2 domain: Ca(2+) induces binding of the C2-domains to phospholipid membranes and to assembled SNARE-complexes; both actions contribute to triggering exocytosis (By similarity).

Cellular Location

Cytoplasmic vesicle, secretory vesicle membrane {ECO:0000250|UniProtKB:Q9R0N4}; Single-pass membrane protein. Note=Localizes to neuronal vesicles containing IGF1 that are not enriched at synapses. Does not colocalize with synaptic vesicles or with the Golgi apparatus. {ECO:0000250|UniProtKB:Q9R0N4}

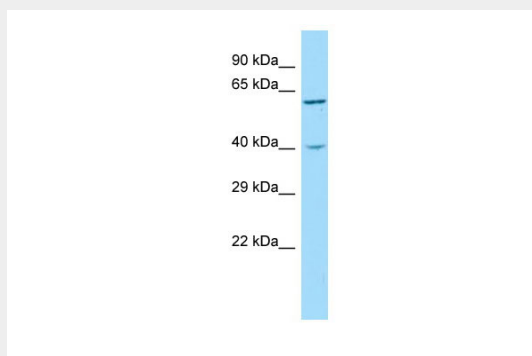
Tissue Location

Expressed only in pancreas, lung and kidney.

SYT10 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](#)

SYT10 Antibody - middle region - Images

Host: Rabbit

Target Name: SYT10

Sample Tissue: Jurkat Whole cell lysate

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Antibody Dilution: 1.0µg/ml

SYT10 Antibody - middle region - References

Zhao E., et al. DNA Seq. 14:393-398(2003).