

Tomosyn/STXBP5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54734**Specification**

Tomosyn/STXBP5 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q5T5C0
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	127573

Tomosyn/STXBP5 Polyclonal Antibody - Additional Information**Gene ID** 134957**Other Names**

Syntaxin-binding protein 5, Lethal(2) giant larvae protein homolog 3, Tomosyn-1, STXBP5, LLGL3

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
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.

Tomosyn/STXBP5 Polyclonal Antibody - Protein Information**Name** STXBP5**Synonyms** LLGL3**Function**

Plays a regulatory role in calcium-dependent exocytosis and neurotransmitter release. Inhibits membrane fusion between transport vesicles and the plasma membrane. May modulate the assembly of trans- SNARE complexes between transport vesicles and the plasma membrane. Inhibits translocation of GLUT4 from intracellular vesicles to the plasma membrane. Competes with STXBP1 for STX1 binding (By similarity).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein. Cytoplasmic vesicle membrane;

Peripheral membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle. Synapse.
Note=Cytoplasmic, and associated with vesicular membranes and the plasma membrane.
Detected at synapses and on synaptic vesicles (By similarity).

Tomosyn/STXBP5 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](#)

Tomosyn/STXBP5 Polyclonal Antibody - Images