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SYBL1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55002

Specification

SYBL1 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P51809
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**24935**

SYBL1 Polyclonal Antibody - Additional Information

Gene ID 6845

Other Names
Vesicle-associated membrane protein 7, VAMP-7, Synaptobrevin-like protein 1, Tetanus-insensitive VAMP, Ti-VAMP, VAMP7, SYBL1

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

Storage
Store at -20 ℃ 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 ℃.

SYBL1 Polyclonal Antibody - Protein Information

Name VAMP7

Synonyms SYBL1

Function
Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.

Cellular Location
Cytoplasmic vesicle, secretory vesicle membrane; Single-pass type IV membrane protein Golgi apparatus, trans-Golgi network membrane; Single- pass type IV membrane protein. Late endosome membrane; Single-pass type IV membrane protein Lysosome membrane; Single-pass type IV membrane protein. Endoplasmic reticulum membrane; Single-pass type IV membrane

protein. Cytoplasmic vesicle, phagosome membrane; Single-pass type IV membrane protein. Synapse, synaptosome. Note=In immature neurons expression is localized in vesicular structures in axons and dendrites while in mature neurons it is localized to the somatodendritic region Colocalizes with LAMP1 in kidney cells. Localization to the endoplasmic reticulum membrane was observed in the intestine but not in liver or kidney (By similarity).

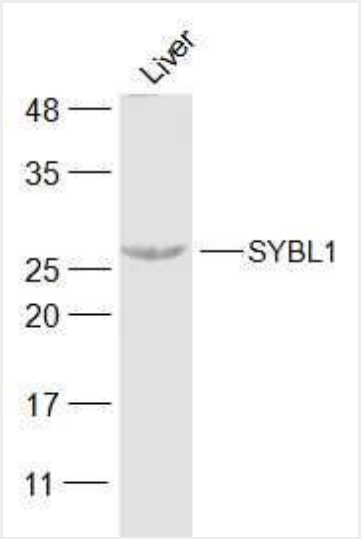
Tissue Location
Detected in all tissues tested.

SYBL1 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 Cytomety
- Cell Culture

SYBL1 Polyclonal Antibody - Images



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti-SYBL1 (bs-12852R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 25 kD
Observed band size: 26 kD