SYT4 Rabbit pAb

Catalog NO.: A7737 **1 Publications**

Basic Information

Observed MW
46 kDa

Calculated MW
48 kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Predicted to enable several functions, including calcium ion binding activity; phospholipid binding activity; and syntaxin binding activity. Involved in negative regulation of catecholamine secretion and positive regulation of dendrite extension. Predicted to be located in several cellular components, including microvesicle; perinuclear region of cytoplasm; and secretory vesicle. Predicted to be active in several cellular components, including axon; exocytic vesicle; and glutamatergic synapse. Predicted to be integral component of neuronal dense core vesicle membrane.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6860

Swiss Prot
Q9H2B2

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
HsT1192; SYT4

Contact

Product Information

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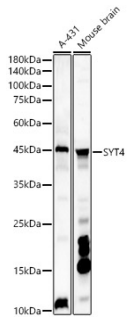
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using SYT4 Rabbit pAb (A7737) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.