

A7737

Leader in Biomolecular Solutions for Life Science



SYT4 Rabbit pAb

Catalog No.: A7737

Basic Information

Observed MW

46kDa

Calculated MW

48kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

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
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

6860

Swiss Prot

Q9H2B2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 38-190 of human SYT4 (NP_065834.1).

Synonyms

HsT1192; SYT4

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

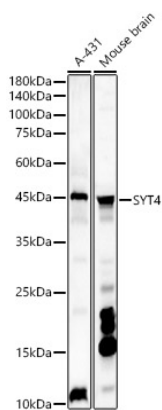
Affinity purification

Storage

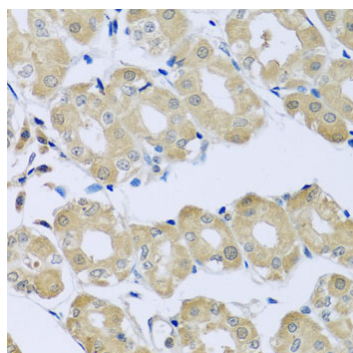
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

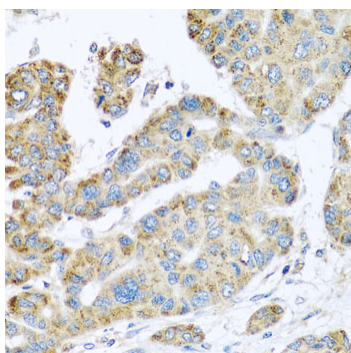
Validation Data



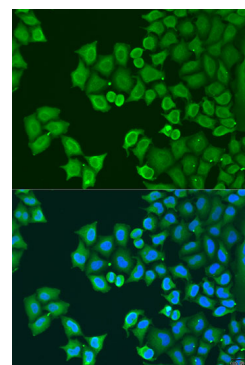
Western blot analysis of various lysates, using SYT4 Rabbit pAb (A7737) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: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



Immunohistochemistry analysis of SYT4 in paraffin-embedded human stomach using SYT4 Rabbit pAb (A7737) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of SYT4 in paraffin-embedded human liver cancer using SYT4 Rabbit pAb (A7737) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of U2OS cells using SYT4 Rabbit pAb (A7737) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.