

Rabbit SYT4 Polyclonal Antibody | anti-SYT4 antibody

SYT4 Polyclonal Antibody

CATALOG # AAA168068	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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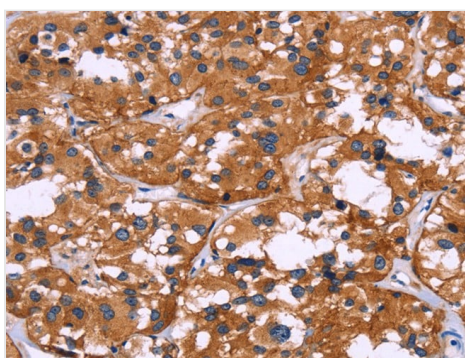
PRODUCT SYNONYMS

SYT4; Polyclonal Antibody; SYT4 Polyclonal Antibody; HsT1192; anti-SYT4 antibody

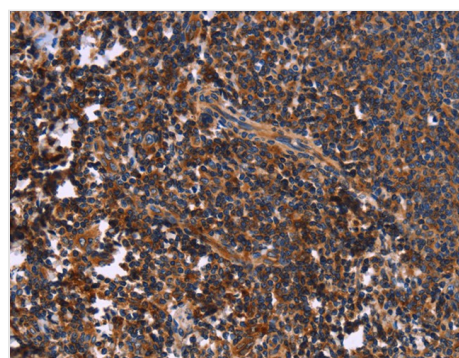
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.9mg/mL (varies by lot)
Sequence Length	425
Applicable Applications for anti-SYT4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human SYT4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SYT4 Polyclonal Antibody at dilution 1:60


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using SYT4 Polyclonal Antibody at dilution 1:60

ADDITIONAL INFORMATION

Related Product Information for anti-SYT4 antibody	Synaptotagmins are a large gene family of synaptic vesicle type III integral membrane proteins that function as regulators of both exocytosis and endocytosis and are involved in neurotransmitter secretion from small secretory vesicles. Calcium binds to Synaptotagmin I which triggers neurotransmitter release at the synapse. Synaptotagmin II is phosphorylated by WNK1 in a process that regulates calcium-dependent interactions. Synaptotagmin III is involved in calcium-dependent exocytosis of secretory vesicles in endocrine cells and neurons. Synaptotagmin IV is expressed in neuronal tissues, and has the highest mRNA levels in the hippocampus. The proximity of the Synaptotagmin IV gene to markers of several psychiatric disorders suggest an involvement of synaptotagmin IV in human disease. Synaptotagmin V is a dense-core vesicle-specific protein that regulates a specific type of calcium-regulated secretion. Synaptotagmin VI interacts with adaptor protein-2 in a calcium-independent manner. Synaptotagmin VII is widely expressed in non-neuronal tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	649149127
NCBI Official Full Name	SYT4, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/syt4-antibody-immunohistochemistry-elisa/168068>