

Rabbit anti-Human SYT5 Polyclonal Antibody | anti-SYT5 antibody

SYT5 Antibody

CATALOG # AAA308200	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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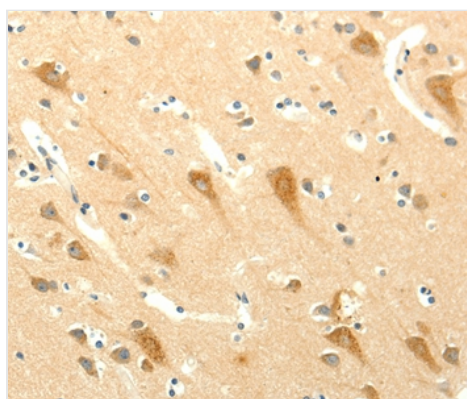
PRODUCT SYNONYMS

SYT5; Polyclonal Antibody; SYT5 Antibody; SytV; Synaptotagmin-5; synaptotagmin 5; anti-SYT5 antibody

PRODUCT SPECIFICATIONS

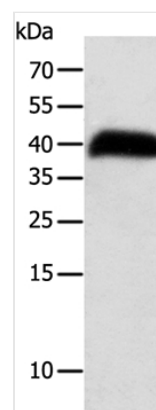
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SYT5 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.4 mg/ml (varies by lot)
Sequence Length	382
Applicable Applications for anti-SYT5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Synaptotagmin V
Target Name	SYT5
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/15.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human thigh malignant fibrous histiocytoma tissue Amount of lysate: 40ug per lane Primary antibody: 1/100 dilution Secondary antibody dilution: 1/8000 Exposure time: 8 hours

ADDITIONAL INFORMATION

Related Product Information for anti-SYT5 antibody	Synaptotagmins, such as SYT5, are a family of type III membrane proteins characterized by cytoplasmic repeats related to protein kinase C regulatory (C2) domains, which are thought to bind calcium. Synaptotagmins may act both as negative regulators of vesicle fusion, allowing fusion in the presence of calcium, and as calcium receptors or sensor molecules. May be involved in Ca2+-dependent exocytosis of secretory vesicles through Ca2+ and phospholipid binding to the C2 domain or may serve as Ca2+ sensors in the process of vesicular trafficking and exocytosis. Regulates the Ca2+-dependent secretion of norepinephrine in PC12 cells. Required for export from the endocytic recycling compartment to the cell surface.
Product Categories/Family for anti-SYT5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	663071138
NCBI GeneID	6861
NCBI Accession #	NP_001284703.1
NCBI GenBank Nucleotide #	NM_001297774.1
UniProt Accession #	O00445; Q86X72; B3KWJ8; B7Z300
Molecular Weight	42,474 Da
NCBI Official Full Name	synaptotagmin-5 isoform 2
NCBI Official Synonym Full Names	synaptotagmin V
NCBI Official Symbol	SYT5
NCBI Protein Information	synaptotagmin-5
UniProt Protein Name	Synaptotagmin-5
UniProt Gene Name	SYT5
UniProt Synonym Gene Names	SytV
UniProt Entry Name	SYT5_HUMAN

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/syt5-antibody-immunohistochemistry-western-blot-elisa/308200>