Rabbit SYT5 Polyclonal Antibody | anti-SYT5 antibody

SYT5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200938	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat**	**Western Blot, Immunohistochemistry**

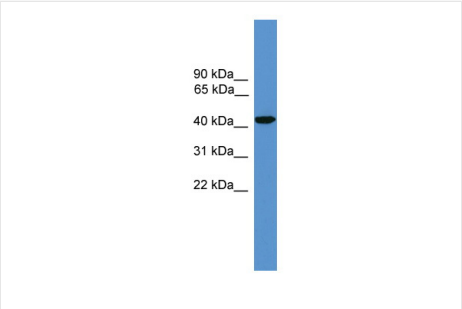
PRODUCT SYNONYMS

SYT5; Polyclonal Antibody; SYT5 antibody - middle region; anti-SYT5 antibody

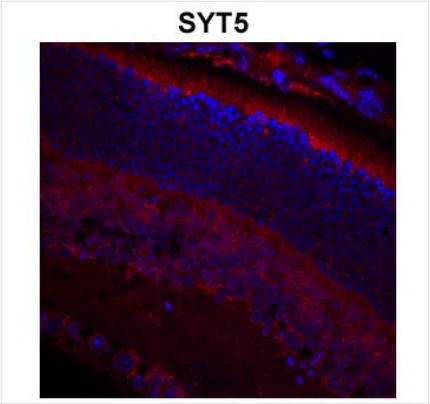
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:YL LPDKRRRYET KVHRQTLNPH FGETFAFKVP YVELGGRVLV MAVYDFDR
Sequence Length	386
Applicable Applications for anti-SYT5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 93%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SYT5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-SYT5 Antibody Titration: 1 ug/mlPositive Control: Fetal kidney lysate



IHC (Immunohistochemistry)
Sample Type: Mouse retinaSample Type: complete mouse retina sectionsRed: PrimaryBlue: DAPIPrimaryDilution: 1:200Secondary Antibody: Goat anti-Rabbit AF568 IgG(H+L)SecondaryDilution: 1:200Image Submitted by: David ZenisekYale University

ADDITIONAL INFORMATION

Related Product Information for anti-SYT5 antibody	This is a rabbit polyclonal antibody against SYT5. It was validated on Western Blot Target Description: Synaptotagmins, such as SYT5, are a family of type III membrane proteins characterized by cytoplasmic repeats related to protein kinase C (see MIM 176960) 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 (summary by Hudson and Birnbaum, 1995 [PubMed 7597049]).
Product Categories/Family for anti-SYT5 antibody	Polyclonal; Drugs and Drug Metabolism; Cell Biology; E3 & Ubiquitin; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	92859638
NCBI GeneID	6861
NCBI Accession #	NP_003171
NCBI GenBank Nucleotide #	NM_003180
UniProt Accession #	O00445
Molecular Weight	43kDa
NCBI Official Full Name	synaptotagmin-5 isoform 1
NCBI Official Synonym Full Names	synaptotagmin 5
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-western-blot-immunohistochemistry-elisa/200938