

Rabbit anti-Human, mouse SYT7 Polyclonal Antibody | anti-SYT7 antibody

SYT7 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284388	Rabbit	Human, mouse	ELISA, Western Blot

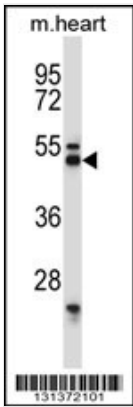
PRODUCT SYNONYMS

SYT7; Polyclonal Antibody; SYT7 Antibody (N-term); Synaptotagmin-7; IPCA-7; Prostate cancer-associated protein 7; Synaptotagmin VII; SytVII; PCANAP7; anti-SYT7 antibody

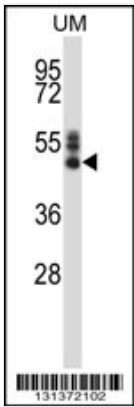
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SYT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human SYT7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	72-101
Sequence Length	478
Applicable Applications for anti-SYT7 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SYT7 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the SYT7 antibody detected the SYT7 protein (arrow).



WB (Western Blot)
SYT7 Antibody (N-term) western blot analysis in human uterine tomer tissue lysates (35ug/lane).This demonstrates the SYT7 antibody detected the SYT7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SYT7 antibody	Synaptotagmins, such as SYT7, are brain-specific calcium-dependent phospholipid-binding proteins that play a role in synaptic exocytosis and neurotransmitter release. See MIM 600782.
Product Categories/Family for anti-SYT7 antibody	Neuroscience; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Fukuda, M., et al. Biochem. J. 365 (PT 1), 173-180 (2002) : Caler, E.V., et al. J. Exp. Med. 193(9):1097-1104(2001) Mizutani, A., et al. J. Biol. Chem. 275(13):9823-9831(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	354983504
NCBI GeneID	9066
NCBI Accession #	NP_001238994.1 ; NP_004191.2
NCBI GenBank Nucleotide #	NM_001252065.1
UniProt Accession #	O43581 ; Q08AH6 ; F5GZU9
Molecular Weight	45501
NCBI Official Full Name	synaptotagmin-7 isoform 1
NCBI Official Synonym Full Names	synaptotagmin VII
NCBI Official Symbol	SYT7
NCBI Official Synonym Symbols	IPCA7; IPCA-7; SYTVII; PCANAP7; SYT-VII
NCBI Protein Information	synaptotagmin-7
UniProt Protein Name	Synaptotagmin-7
UniProt Gene Name	SYT7
UniProt Synonym Gene Names	PCANAP7; SytVII

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/syt7-antibody-western-blot-elisa/284388>