SYT7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SYT7, Polyclonal Antibody
Full Product Name	SYT7 Antibody
Product Gene Name	anti-SYT7 antibody
Product Synonym Names	IPCA7; IPCA-7; SYTVII; PCANAP7; SYT-VII
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total SYT7 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	45,501 Da
Chromosome Location	Chromosome: 11; NC_000011.10 (61513716..61581051, complement). Location: 11q12-q13.1
OMIM	604146
3D Structure	ModBase 3D Structure for O43581
Immunogen	Fusion protein corresponding to a region derived from internal residues of human synaptotagmin VII
Product Categories/Family for anti-SYT7 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SYT7 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-SYT7 antibody	WB: 1:500-1:2000 IHC: 1:15-1:50
Related Product Information for anti-SYT7 antibody	This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. A similar protein in rodents mediates hormone secretion and lysosome exocytosis. In humans, expression of this gene has been associated with prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene
Other Notes	Small volumes of anti-SYT7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SYT7 purchase	MBS8589288 is an antibody targeting SYT7. Also known as SYT7 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SYT7. It may not necessarily be applicable to this product.

NCBI GI #	115527916
NCBI GeneID	9066
NCBI Accession #	AAI25171.1
UniProt Primary Accession #	O43581
UniProt Secondary Accession #	Q08AH6; F5GZU9
UniProt Related Accession #	O43581
NCBI Official Full Name	Synaptotagmin VII
NCBI Official Synonym Full Names	synaptotagmin VII
NCBI Official Symbol	SYT7
NCBI Official Synonym Symbols	IPCA7; IPCA-7; SYTVII; PCANAP7; SYT-VII
UniProt Protein Name	Synaptotagmin-7
UniProt Synonym Protein Names	IPCA-7; Prostate cancer-associated protein 7; Synaptotagmin VII
Protein Family	Synaptotagmin
UniProt Gene Name	SYT7
UniProt Synonym Gene Names	PCANAP7; SytVII
UniProt Entry Name	SYT7_HUMAN
NCBI Protein Information	synaptotagmin-7; prostate cancer-associated protein 7
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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