Synaptotagmin XI (SYT11) Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Synaptotagmin XI (SYT11), Polyclonal Antibody
Full Product Name	Synaptotagmin XI Polyclonal Antibody
Product Gene Name	anti-SYT11 antibody
Clonality	Polyclonal
Molecular Weight	48,297 Da
OMIM	608741
3D Structure	ModBase 3D Structure for Q9BT88
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-SYT11 antibody	MBS8525468 is an antibody targeting SYT11. Also known as Synaptotagmin XI Polyclonal Antibody.
Other Notes	Small volumes of anti-SYT11 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SYT11. It may not necessarily be applicable to this product.

NCBI GI #	216548478
NCBI GeneID	23208
NCBI Accession #	NP_689493.3
UniProt Primary Accession #	Q9BT88
UniProt Secondary Accession #	Q14998; Q5W0D4; Q68CT5; Q8IXU3; Q96SU2
UniProt Related Accession #	Q9BT88
GenBank Nucleotide #	NM_152280.4
NCBI Official Full Name	synaptotagmin-11
NCBI Official Synonym Full Names	synaptotagmin 11
NCBI Official Symbol	SYT11
NCBI Official Synonym Symbols	SYT12; sytXI
UniProt Protein Name	Synaptotagmin-11
UniProt Synonym Protein Names	Synaptotagmin XI; SytXI
Protein Family	Synaptotagmin
UniProt Gene Name	SYT11
UniProt Synonym Gene Names	KIAA0080; SytXI
NCBI Protein Information	synaptotagmin-11

NCBI Summary for SYT11	This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that are known calcium sensors and mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. The encoded protein is also a substrate for ubiquitin-E3-ligase parkin. The gene has previously been referred to as synaptotagmin XII but has been renamed synaptotagmin XI to be consistent with mouse and rat official nomenclature. [provided by RefSeq, Apr 2010]
UniProt Comments for SYT11	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.
Research Articles on SYT11	**1.** In summary, This study supports the existence of association between Parkinson disease and markers in or around SYT11
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