



Anti-SYT11 (aa 84-139) polyclonal antibody (DPAB-DC1063)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	SYT11 (NP_689493, 84 a.a. ~ 139 a.a) partial recombinant protein with GST tag. The sequence is GPGREGGRRNLLVDAAEAGLLSRDKDPRGPSSGSCIDQLPIKMDYGEELRSPITSL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SYT11 synaptotagmin XI [Homo sapiens (human)]
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Official Symbol	SYT11
Synonyms	SYT11; synaptotagmin XI; SYT12; sytXI; synaptotagmin-11; synaptotagmin 12;
Entrez Gene ID	23208
Protein Refseq	NP_689493
UniProt ID	Q9BT88
Chromosome Location	1q21.2
Pathway	Parkinsons Disease Pathway;
Function	metal ion binding; protein binding; transporter activity;
