



# 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

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

## GENE INFORMATION

**Gene Name** [SYT11 synaptotagmin XI \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	SYT11
<b>Synonyms</b>	SYT11; synaptotagmin XI; SYT12; sytXI; synaptotagmin-11; synaptotagmin 12;
<b>Entrez Gene ID</b>	<a href="#">23208</a>
<b>Protein Refseq</b>	<a href="#">NP_689493</a>
<b>UniProt ID</b>	<a href="#">Q9BT88</a>
<b>Chromosome Location</b>	1q21.2
<b>Pathway</b>	Parkinsons Disease Pathway;
<b>Function</b>	metal ion binding; protein binding; transporter activity;