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## Product Information

<b>Product SKU:</b>	CAB17241	<b>Gene ID:</b>	91683	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse

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## Additional Information

<b>Observed MW:</b>	46kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	47kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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. Studies of the orthologous gene in rat have shown that the encoded protein selectively modulates spontaneous synaptic-vesicle exocytosis and may also be involved in regulating calcium independent secretion in nonneuronal cells. Alternative splicing results in multiple transcript variants. The gene has previously been referred to as synaptotagmin XI but has been renamed synaptotagmin XII to be standard with mouse and rat official nomenclature.
<b>Recommended Dilution:</b>	WB, 1:500 - 1:2000 IF/ICC, 1:50 - 1:200
<b>Synonyms:</b>	SYT11; sytXII; SYT12
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 95-200 of human SYT12 (NP_001171351.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.