



# SYT14 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06256
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	SYT14
<b>Protein Name</b>	Synaptotagmin-14 (Synaptotagmin XIV) (SytXIV)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	SYT14 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	61kD
<b>Cell Pathway</b>	Membrane ; Single-pass type III membrane protein . Localized in perinuclear and submembranous regions.
<b>Tissue Specificity</b>	Highly expressed in fetal and adult brain tissue.
<b>Function</b>	function:May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues. Is Ca(2+)-independent.,similarity:Belongs to the synaptotagmin family.,similarity:Contains 2 C2 domains.,subunit:Homodimer. Can also form heterodimers.,
<b>Background</b>	synaptotagmin 14(SYT14) Homo sapiens This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate membrane trafficking in synaptic transmission. The encoded protein is a calcium-independent synaptotagmin. Mutations in this gene are a cause of autosomal recessive spinocerebellar ataxia-11 (SCAR11), and a t(1;3) translocation of this gene has been associated with neurodevelopmental abnormalities. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 4. [provided by RefSeq, Dec 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**