

SYT12 rabbit pAb**Cat#: orb773206 (Manual)**

For research use only. Not intended for diagnostic use.

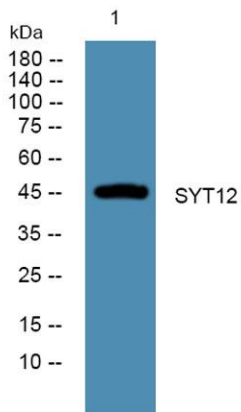
Product Name	SYT12 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYT12 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Synaptotagmin-12 (Synaptotagmin XII) (SytXII)
Gene Name	SYT12
Cellular localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	46kD
Human Gene ID	91683
Human Swiss-Prot Number	Q8IV01

Alternative Names

Background

synaptotagmin 12(SYT12) Homo sapiens 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.[provided by RefSeq, Apr 2010],



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night