

SYT12 rabbit pAb

Cat No.:ES10331

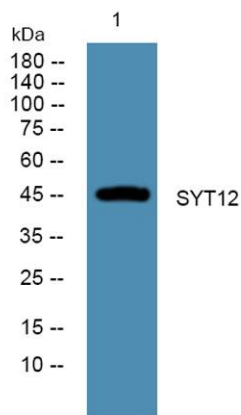
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Overview

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|--------------------------|--|
| 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, 0.5% BSA 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 | <p>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</p> |



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

