



# SYT15 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-06257                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Human;Rat;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>                   | SYT15                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Specificity</b>                 | SYT15 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | SYT15;Synaptotagmin-15 (Chr10Syt) (Synaptotagmin XV) (SytXV)                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Observed Band</b>               | 46kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 46kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                | [Isoform 1]: Cell membrane ; Single-pass type III membrane protein .; [Isoform 2] : Cell membrane ; Single-pass type III membrane protein .; [Isoform 4]: Cell membrane ; Single-pass type III membrane protein .                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>          | Brain,Cerebellum,Donated clones,Heart,Thalamus,                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>                    | domain:Neither C2 domains mediates Ca(2+)-dependent or -independent phospholipid binding.,function:May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues.,similarity:Belongs to the synaptotagmin family.,similarity:Contains 2 C2 domains.,subunit:Homodimer.,                                                                                                                                                             |
| <b>Background</b>                  | synaptotagmin 15(SYT15) Homo sapiens This gene encodes a member of the Synaptotagmin (Syt) family of membrane trafficking proteins. Members of this family contain a transmembrane region and a C-terminal-type tandem C2 domain. Unlike related family members, the encoded protein may be involved in membrane trafficking in non-neuronal tissues. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul |

2008],

**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

