## Immunotag<sup>™</sup> SYT11 Antibody

| Antibody Specification |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA5430                                                                                                                                                                                                                          |
| Product Description    | Immunotag™ SYT11 Antibody                                                                                                                                                                                                        |
| Size                   | 100 μg, 200 μg                                                                                                                                                                                                                   |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                                                                                    |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.                                                               |
| Target Protein         | SYT11                                                                                                                                                                                                                            |
| Clonality              | Polyclonal                                                                                                                                                                                                                       |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                     |
| Application            | WB,IF/ICC,ELISA                                                                                                                                                                                                                  |
| Recommended Dilution   | WB 1:500~1:1000, IF/ICC 1:100-1:500                                                                                                                                                                                              |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                          |
| Reactive Species       | Human,Mouse,Rat                                                                                                                                                                                                                  |
| Host Species           | Rabbit                                                                                                                                                                                                                           |
| Immunogen              | A synthesized peptide                                                                                                                                                                                                            |
| Specificity            | SYT11 Antibody detects endogenous levels of total SYT11                                                                                                                                                                          |
| Purification           | The antiserum was purified by peptide affinity chromatography.                                                                                                                                                                   |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt                                                                      |
| Gene Name              | SYT11                                                                                                                                                                                                                            |
| Accession No.          | Q9BT88                                                                                                                                                                                                                           |
| Alternate Names        | DKFZp781D015; KIAA0080; MGC10881; MGC17226; Synaptotagmin 11; Synaptotagmin 12; Synaptotagmin XI; Synaptotagmin-11; Synaptotagmin11; Synaptotagmin12; SynaptotagminXI; SYT 11; SYT 12; Syt XI; Syt11; SYT11_HUMAN; SYT12; SytXI; |
| Description            | May be involved in Ca2+-dependent exocytosis of secretory vesicles through Ca2+ and phospholipid binding to the C2 domain or may serve as Ca2+ sensors in the process of vesicular trafficking and exocytosis.                   |

| Antibody Specification |                                                                      |
|------------------------|----------------------------------------------------------------------|
| Cell Pathway/ Category | Primary Polyclonal Antibody                                          |
| Protein MW             | 48 KD                                                                |
| Usage                  | For Research Use Only! Not for diagnostic or therapeutic procedures. |

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