

Immunotag™ Synuclein β Antibody

| Antibody Specification | |
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| Catalog No. | ITA1496 |
| Product Description | Immunotag™ Synuclein β 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 | Synuclein β |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC,IF/ICC,ELISA |
| Recommended Dilution | WB 1:500-1:2000,IHC 1:50-1:200,IF 1:100-1:500 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human Synuclein β |
| Specificity | Synuclein β Antibody detects endogenous levels of total Synuclein β |
| 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 | SNCB |
| Accession No. | Q16143 |
| Alternate Names | 14 kDa brain-specific protein; Beta-synuclein; Phosphoneuroprotein 14; PNP14; Sncb; Synuclein beta; SYUB_HUMAN; |
| Description | Non-amyloid component of senile plaques found in Alzheimer disease. Could act as a regulator of SNCA aggregation process. Protects neurons from staurosporine and 6-hydroxy dopamine (6OHDA)-stimulated caspase activation in a p53/TP53-dependent manner. Contributes to restore the SNCA anti-apoptotic function abolished by 6OHDA. Not found in the Lewy bodies associated with Parkinson disease. |

Antibody Specification

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| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 14 kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |