

## Anti-alpha Synuclein Rabbit Monoclonal Antibody

### Introduction

May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation. Genetic alterations of SNCA resulting in aberrant polymerization into fibrils, are associated with several neurodegenerative diseases (synucleinopathies).

### Product parameters

|                    |   |
|--------------------|---|
| Alternative Names  | SNCA; NACP; PARK1; Alpha-synuclein; Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor; NACP |
| Gene ID            | 6622  |
| Gene Name          | SNCA  |
| SwissProt ID       | P37840  |
| Host               | Rabbit  |
| Reactivity         | Human   |
| Molecular Weight   | Calculated MW: 14 kDa; Observed MW: 20 kDa  |
| Conjugation        | Unconjugated  |
| Ex                 | -   |
| Em                 | -   |
| Modification       | Unmodified  |
| Clonality          | IgG   |
| Isotype            | Monoclonal Antibody   |
| Clonality No.      | AP-15G6C1   |
| Form               | Liquid  |
| Concentration      | See label   |
| Carrier            | Carrier Free  |
| Immunogen          | A synthesized peptide derived from human Alpha Synuclein  |
| Purification       | Affinity Chromatography   |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                   |
| Application        | WB, IHC-P, ICC/IF, FC, IP   |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/50 FC: 1/50-1/100   |
| Research Field     | Neuroscience  |
| Product Categories | Primary antibody  |

|                 |                                  |
|-----------------|----------------------------------|
| Shipping        | Blue ice                         |
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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