

Datasheet for ABIN1742284

SNCA Protein[Go to Product page](#)

4 Images

1 Publication

Overview

| | |
|---------------|--|
| Quantity: | 200 µL |
| Target: | SNCA |
| Origin: | Mouse, Rat |
| Source: | Rabbit |
| Protein Type: | Recombinant |
| Application: | Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) |

Product Details

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|-----------------------------|--|
| Specificity: | Specific for alpha synuclein |
| Cross-Reactivity (Details): | weak cross reactivity to beta synuclein. |
| Characteristics: | Recombinant full length alpha synuclein. |
| Purification: | antiserum |

Target Details

| | |
|-------------------|--|
| Target: | SNCA |
| Alternative Name: | alpha Synuclein (SNCA Products) |
| Background: | Synonyms: alpha-Synuclein |
| Pathways: | Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Platelet-derived growth Factor Receptor Signaling , Negative Regulation of Transporter Activity , Regulation of long-term Neuronal Synaptic Plasticity |

Application Details

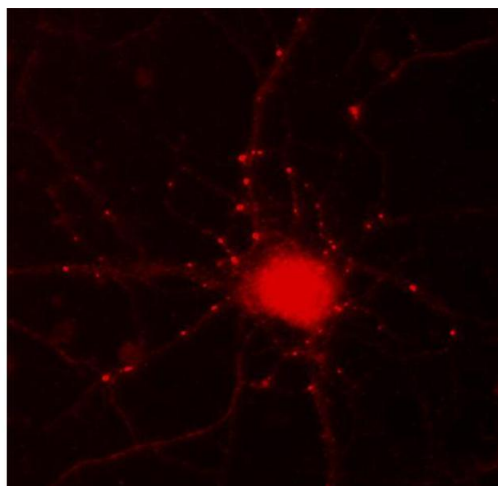
| | |
|--------------------|--|
| Application Notes: | WB: 1 : 1000 (AP staining) ICC: 1 : 500 IHC: 1 : 500 |
| Comment: | Works also well with paraffin embedded material. |
| Restrictions: | For Research Use only |

Handling

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|------------------|--|
| Format: | Liquid |
| Buffer: | PBS |
| Handling Advice: | Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C. Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C), however, is preferable. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years. |

Publications

| | |
|-------------------|---|
| Product cited in: | Schildknecht, Karreman, Pörtl, Efrémova, Kullmann, Gutbier, Krug, Scholz, Gerding, Leist: "Generation of genetically-modified human differentiated cells for toxicological tests and the study of neurodegenerative diseases." in: ALTEX , Vol. 30, Issue 4, pp. 427-44, (2013) (PubMed). |
| | Tong, Wong, Guttman, Ang, Forno, Shimadzu, Rajput, Muentert, Kish, Hornykiewicz, Furukawa: "Brain alpha-synuclein accumulation in multiple system atrophy, Parkinson's disease and progressive supranuclear palsy: a comparative investigation." in: Brain : a journal of neurology , Vol. 133, Issue Pt 1, pp. 172-88, (2010) (PubMed). |



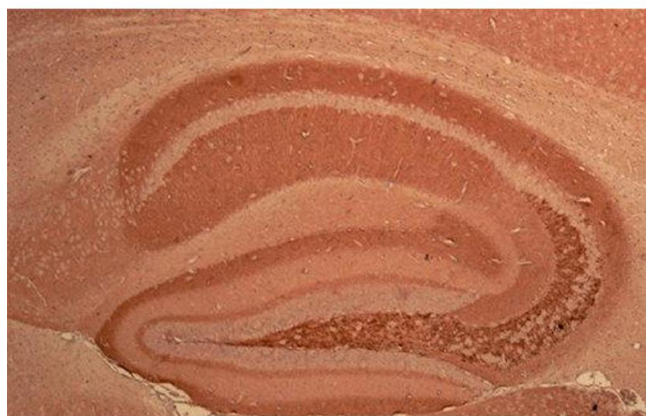
Immunocytochemistry

Image 1. Indirect immunostaining of hippocampus neurons (dilution 1 : 500).



Immunohistochemistry

Image 2.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunostaining of paraffin embedded sections from mouse hippocampus (dilution 1 : 500). Immunoreactivity was revealed using diaminobenzidine as chromagen.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1742284.