

Product no **AS08 358**  
**SNCA | Alpha-synuclein**

## Product information

<b>Immunogen</b>	recombinant, full length, human alpha-synuclein UniProt: <a href="#">P37840</a> , epitope was mapped between amino acid 1-15
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

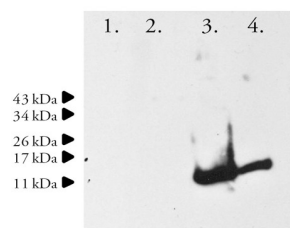
<b>Additional information</b>	<p><b>Immunolocalization:</b> human tissue was paraffin-embedded and sectioned. De-waxed and rehydrated in an ethanol gradient. Antigens were retrieved in sodium citrate buffer (pH 6) at 95°C for 1 h. The tissue sections were separately incubated for 1 h at RT with primary antibody and antibody binding was visualized with IgG Peroxidase Reagent Kit.</p> <p>This antibody will recognize human SNCA monomers and multimers in Western blot and can be used to detect fibrills in a sandwich ELISA.</p> <p>In ELISA this antibody can be used for detection, combined with <a href="#">AS13 2719</a> as a capture antibody.</p>
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## Application information

<b>Recommended dilution</b>	1 : 3000 (ELISA), 1-2 µg/ml (IL), 1 : 1000 (WB)
<b>Expected   apparent MW</b>	14 kDa
<b>Confirmed reactivity</b>	Human
<b>Predicted reactivity</b>	Primates, Chimpanzee, Gorilla
<b>Selected references</b>	<p><a href="#">Bargar</a> et al. (2021) Discrimination of MSA-P and MSA-C by RT-QuIC analysis of olfactory mucosa: the first assessment of assay reproducibility between two specialized laboratories. <i>Mol Neurodegener.</i> 2021 Dec 11;16(1):82. doi: 10.1186/s13024-021-00491-y. PMID: 34895275; PMCID: PMC8665327.</p> <p><a href="#">Brännström</a> et al. (2014). A generic method for design of oligomer-specific antibodies. <i>PLoS One.</i> 2014 Mar 11;9(3):e90857. doi: 10.1371/journal.pone.0090857. eCollection 2014.</p>

### Western analysis

- Membrane: Nitrocellulose
- Blocking buffer: 5% dry milk in PBS, 0.15% tween 20
- Antibody dilution: 1:1000
- Secondary antibody: anti-rabbit (HRP)
- Detection: Enhanced Chemoluminescence (pico) 10s



1. Cell lysate lacking alpha-synuclein 10 000 ng (negative control)
2. Human plasma 10 000 ng (negative control)
3. Human alpha-synuclein 100 ng

#### 4. Human alpha-synuclien 10 ng