Agrisera
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Product no AS08 358

SNCA | Alpha-synuclein

Product information

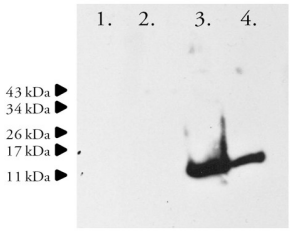
Immunogen	recombinant, full length, human alpha-synuclein UniProt: P37840, epitope was mapped between amino acid 1-15
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 µl of sterile water
Storage	Store lyophilized/reconstituted 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.
Additional information	**Immunolocalization:** 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 Preoxidase Reagent Kit. This antibody will recognize human SNCA monomers and multimers in Western blot and can be used to detect fibrills in a sandwich ELISA. In ELISA this antibody can be used for detection, combined with AS13 2719 as a capture antibody.

Application information

Recommended dilution	1 : 3000 (ELISA), 1-2 µg/ml (IL), 1 : 1000 (WB)
Expected | apparent MW	14 kDa
Confirmed reactivity	Human
Predicted reactivity	Primates, Chimpanzee, Gorilla
Selected references	Bargar 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. Mol Neurodegener. 2021 Dec 11;16(1):82. doi: 10.1186/s13024-021-00491-y. PMID: 34895275; PMCID: PMC8665327. Brännström et al. (2014). A generic method for design of oligomer-specific antibodies. PLoS One. 2014 Mar 11;9(3):e90857. doi: 10.1371/journal.pone.0090857. eCollection 2014.

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

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4. Human alpha-synuclien 10 ng