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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Alpha-Synuclein [NAC32] Standard Size Ab00346-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: NAC32

Alternative Name(s) of Target: SNCA

UniProt Accession Number of Target Protein: P37840

Published Application(s): WB, Block, IHC

Published Species Reactivity: Human

Immunogen: Biotin-labeled peptide spanning amino acids 53-87 of alpha-synuclein.

Specificity: Binds the nonamyloid component of alpha-Synuclein.

Application Notes: This is a synthetic IgG binding to alpha-Synuclein which is involved in the regulation of dopamine release and transport. It induces fibrillisation of the tau-protein and reduces the neuronal responsiveness to several apoptotic signals. Involved in the pathogenesis of Parkinson disease.

Antibody First Published in: Lynch et al. 2008 An scFv Intrabody against the Nonamyloid component of alpha-Synuclein Reduces Intracellular Aggregation and Toxicity Journal of Molecular Biology 2008; 377:136-147 [PMID:18237741](#)

Note on publication: Describes the generation of an scFv intrabody against the non-amyloid component of alpha-Synulcein and demonstrates its effect in counteracting mutant synuclein aggregation.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.