

Product Datasheet

alpha-Synuclein Antibody (5C2) - BSA Free NBP1-04321

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

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NBP1-04321

alpha-Synuclein Antibody (5C2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5C2
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4), 10% Glycerol
Target Molecular Weight	14.46 kDa

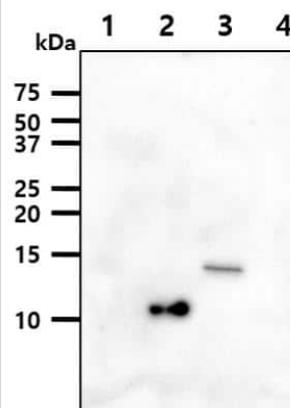
Product Description	
Description	Novus Biologicals Mouse alpha-Synuclein Antibody (5C2) - BSA Free (NBP1-04321) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-alpha-Synuclein Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6622
Gene Symbol	SNCA
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:30918024).
Immunogen	This alpha-Synuclein Antibody (5C2) was developed against recombinant human alpha-synuclein (61-95) purified from E. coli (NP_0003360).

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence

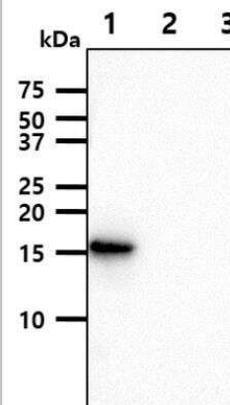


Images

Western Blot: alpha-Synuclein Antibody (5C2) [NBP1-04321] - The recombinant human alpha-synuclein domains were resolved by SDS-PAGE, transferred to PVDF membrane and probed with human anti-alpha-Synuclein(61-95aa) antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant human alpha-synuclein(1-60aa) Lane 2.: Recombinant human alpha-synuclein(1-95aa) Lane 3.: Recombinant human alpha-synuclein(61-140aa) Lane 4.: Recombinant human alpha-synuclein(96-140aa)



Western Blot: alpha-Synuclein Antibody (5C2) [NBP1-04321] - The recombinant human synuclein family proteins were resolved by SDS-PAGE, transferred to PVDF membrane and probed with human anti-alpha-Synuclein antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant human alpha-synuclein Lane 2.: Recombinant human beta-synuclein Lane 3.: Recombinant human gamma-synuclein



Publications

Desai AA, Zupancic JM, Trzeciakiewicz H et al. Flow cytometric isolation of drug-like conformational antibodies specific for amyloid fibrils bioRxiv : the preprint server for biology 2023-07-04 [PMID: 37461643] (DB, Mouse)

Julian M C, Rabia L A et al. Nature-inspired design and evolution of anti-amyloid antibodies. J Biol Chem 2019-05-24 [PMID: 30918024] (WB, Mouse)

De Luca CMG, Elia AE, Portaleone SM et al. Efficient RT-QuIC seeding activity for alpha-synuclein in olfactory mucosa samples of patients with Parkinson's disease and multiple system atrophy Transl Neurodegener 2019-08-08 [PMID: 31406572] (WB, Human)

Zunke F, Moise AC, Belur NR et al. Reversible Conformational Conversion of a-Synuclein into Toxic Assemblies by Glucosylceramide. Neuron 2017-12-20 [PMID: 29290548] (Human)

Herva ME, Zibae S, Fraser G et al. Anti-amyloid compounds inhibit alpha-synuclein aggregation induced by Protein Misfolding Cyclic Amplification (PMCA). J. Biol. Chem. 2014-03-03 [PMID: 24584936] (WB, Human)



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Products Related to NBP1-04321

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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