

Product Datasheet

Alpha Synuclein Antibody: Biotin (orb536155)

Description	Rabbit polyclonal antibody against alpha Synuclein conjugated to Biotin
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Biotin
Tested Applications	ELISA, ICC, IF, IHC, WB
Immunogen	Recombinant Human alpha Synuclein Fibril
Target	Alpha Synuclein
Preservatives	136.36mM Ethanolamine, and 9.55mM Sodium Bicarbonate in 95.45% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:1000 dilution of SPC-800 was sufficient for detection of Alpha Synuclein in 15 µg of mouse Brain cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Clonality	Polyclonal
MW	14.46kDa
Uniprot ID	P37840
NCBI	NP_000336.1
Entrez	6622
Dilution Range	WB (1:1000)

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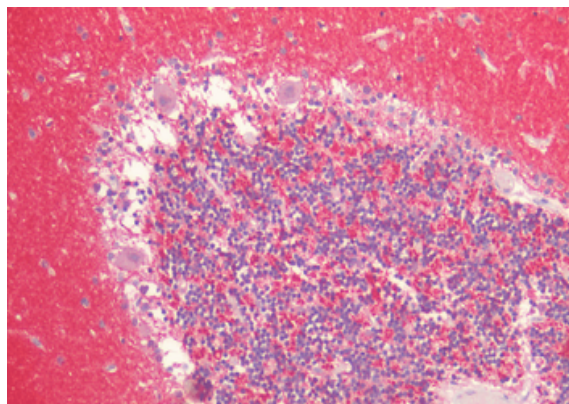
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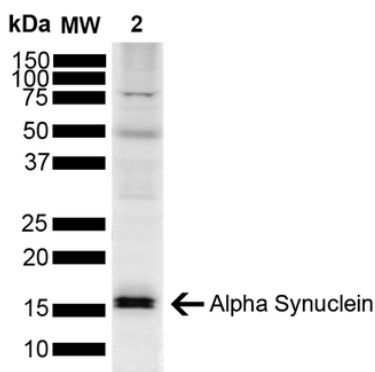
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Expiration Date

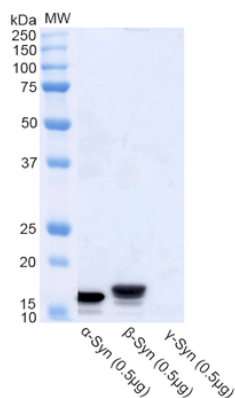
12 months from date of receipt.



Immunohistochemistry analysis using Rabbit Anti-Alpha Synuclein Polyclonal Antibody. Tissue: Cerebellum. Species: Human. Fixation: Formalin fixed paraffin-embedded. Primary Antibody: Rabbit Anti-Alpha Synuclein Polyclonal Antibody.



Western blot analysis of Mouse Brain showing detection of ~14.46kDa Alpha Synuclein protein using Rabbit Anti-Alpha Synuclein Polyclonal Antibody. Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Brain. Load: 15 µg. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-Alpha Synuclein Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-rabbit IgG:HRP at 1:4000 for 1 hour at RT with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 min in RT. Predicted/Observed Size: ~14.46kDa. Other Band (s): Higher molecular weight oligomers.



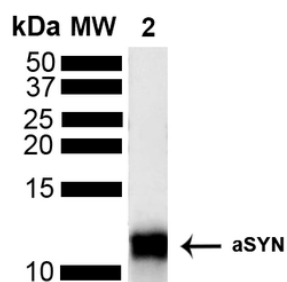
Western blot analysis of Human Recombinant Protein showing detection of Alpha Synuclein protein using Rabbit Anti-Alpha Synuclein Polyclonal Antibody. Lane 1: MW ladder. Lane 2: Alpha Synuclein. Lane 3: Beta Synuclein. Lane 4: Gamma Synuclein. Load: 0.5 ug. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-Alpha Synuclein Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-rabbit IgG:HRP at 1:4000 for 1 hour at RT with shaking. Alpha synuclein antibody shows cross-reactivity with beta synuclein but not gamma synuclein.

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Western blot analysis of Human Truncated Alpha Synuclein Protein showing detection of Alpha Synuclein protein using Rabbit Anti-Alpha Synuclein Polyclonal Antibody. Lane 1: MW Ladder. Lane 2: hASYN aa 1-114 (5 uL). Load: 5 uL. Block: 5% Skim Milk Powder in TBST. Primary Antibody: Rabbit Anti-Alpha Synuclein Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-rabbit IgG:HRP at 1:4000 for 1 hour at RT with shaking.

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