

## anti- alpha-synuclein antibody

### Product Information

Catalog No.:	FNab00345
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene.

### Immunogen information

Immunogen:	synuclein, alpha (non A4 component of amyloid precursor)
Synonyms:	Alpha synuclein, NACP, PARK1, PARK4, SNCA
Observed MW:	15 kDa
Uniprot ID :	P37840

### Application

Reactivity:	Human, Rat
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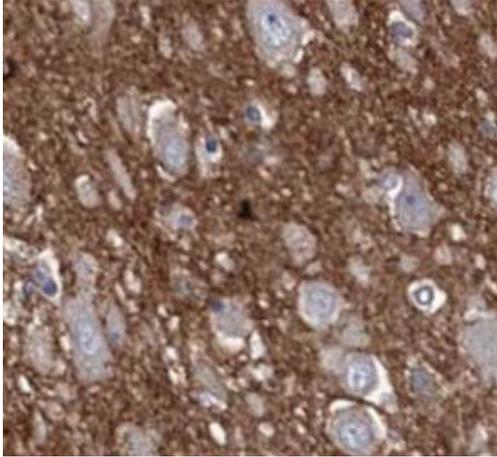
### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

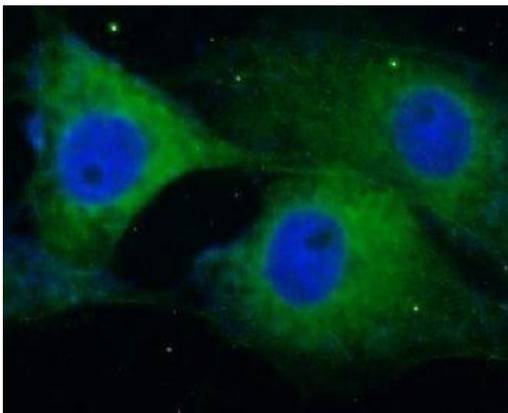
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

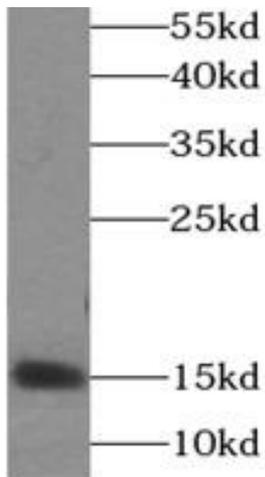
Image:



Immunohistochemistry of paraffin-embedded human brain using FNab00345(SNCA antibody) at dilution of 1:50



Immunofluorescent analysis of SH-SY5Y cells using FNab00345 (alpha-synuclein antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab00345(SNCA antibody) at dilution of 1:1000