

alpha Synuclein antibody

Cat. No. GTX133367

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

Reference (1)

★★★★★ Review (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 14 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.47 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human alpha Synuclein. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

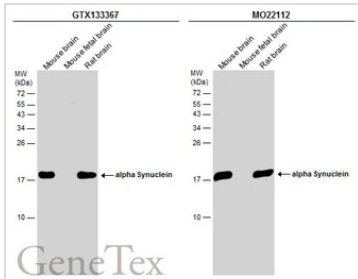


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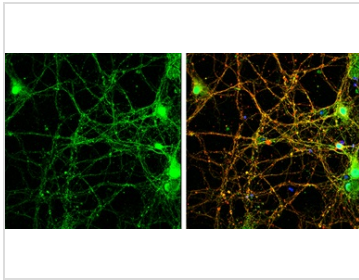
Note

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DATA IMAGES

GTX133367 WB Image

Various tissue extracts (50 μ g) were separated by 15% SDS-PAGE, and the membranes were blotted with alpha Synuclein antibody (GTX133367) diluted at 1:2000 and competitor's antibody (MO22112) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.


GTX133367 ICC/IF Image

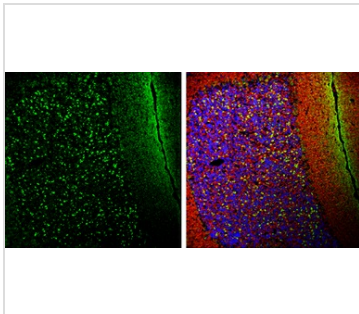
alpha Synuclein antibody detects alpha Synuclein protein by immunofluorescent analysis.

Sample: DIV14 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: alpha Synuclein protein stained by alpha Synuclein antibody (GTX133367) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTX631831) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX133367 IHC-Fr Image

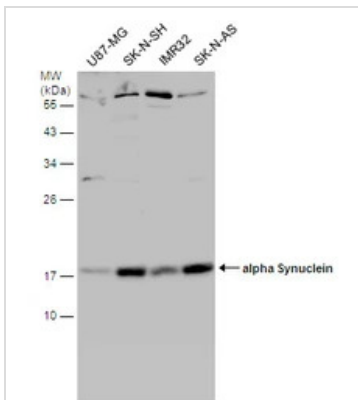
alpha Synuclein antibody detects alpha Synuclein protein expression by immunohistochemical analysis.

Sample: Frozen-sectioned adult mouse cerebellum.

Green: alpha Synuclein protein stained by alpha Synuclein antibody (GTX133367) diluted at 1:250.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX133367 WB Image

Various whole cell extracts (30 μ g) were separated by 12% SDS-PAGE, and the membrane was blotted with alpha Synuclein antibody (GTX133367) diluted at 1:1000.



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