

NSE antibody

Cat. No. GTX133249

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

Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 47 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	0.54 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 mouse NSE. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

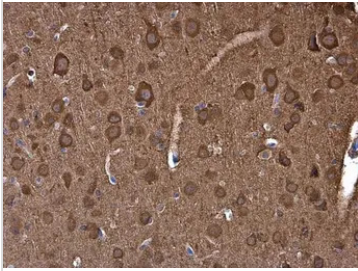


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Note

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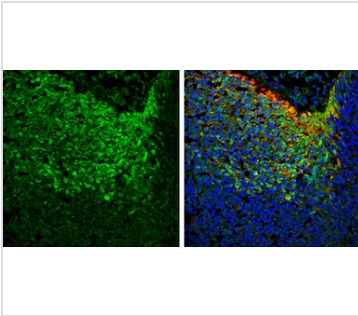
DATA IMAGES

GTX133249 IHC-P Image

NSE antibody detects NSE protein at cytoplasm in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

NSE antibody (GTX133249) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX133249 IHC-Fr Image

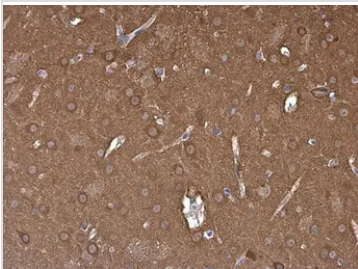
NSE antibody detects NSE protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: NSE protein stained by NSE antibody (GTX133249) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

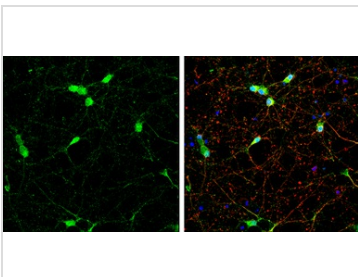

GTX133249 IHC-P Image

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Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX133249 ICC/IF Image

NSE antibody detects NSE protein by immunofluorescent analysis.

Sample: DIV10 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: NSE protein stained by NSE antibody (GTX133249) 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).



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