

NCAM antibody

Cat. No. GTX133217

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ELISA, PLA
Reactivity	Human, Mouse, Rat, Chinese Hamster

References (2)

Package

100 µl, 25 µl

Applications

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	1:100-1:1000
IP	Assay dependent
ELISA	Assay dependent
PLA	Assay dependent

Not tested in other applications.

Observed MW (kDa) 120-250 kDa.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 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	0.11 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of mouse NCAM. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



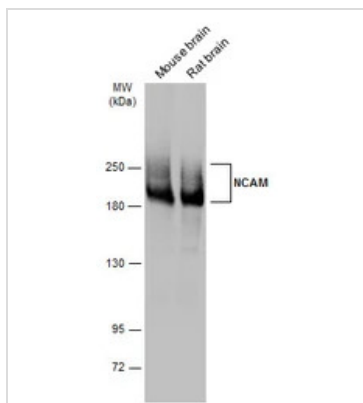
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Note

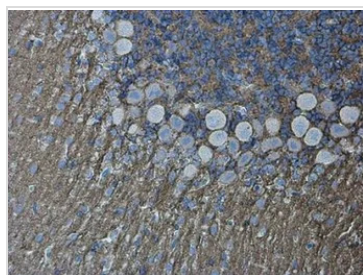
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DATA IMAGES



GTX133217 WB Image

Various tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with NCAM antibody (GTX133217) diluted at 1:1250. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

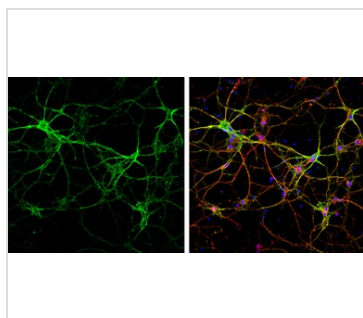


GTX133217 IHC-P Image

NCAM antibody detects NCAM protein at cell membrane in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain.

NCAM antibody (GTX133217) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX133217 ICC/IF Image

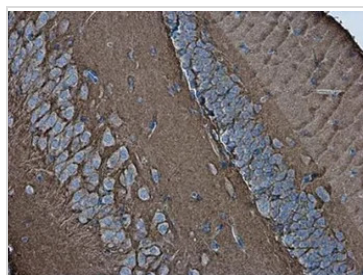
NCAM antibody detects NCAM protein at cell membrane by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: NCAM protein stained by NCAM antibody (GTX133217) diluted at 1:1000.

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

Blue: Fluoroshield with DAPI (GTX30920).



GTX133217 IHC-P Image

NCAM antibody detects NCAM protein at cell membrane in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

NCAM antibody (GTX133217) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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