

NeuroD1 antibody [HL3356]

Cat. No. GTX641133

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

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	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 49 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of mouse NeuroD1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

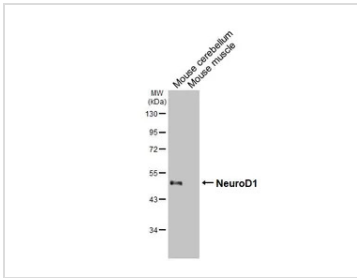
Note

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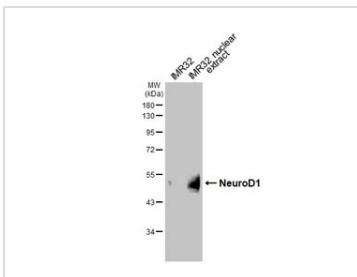
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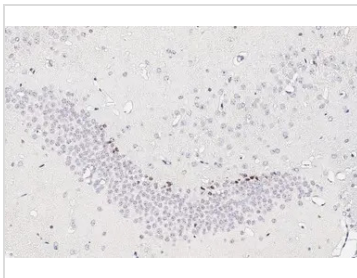
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DATA IMAGES

GTX641133 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with NeuroD1 antibody [HL3356] (GTX641133) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX641133 WB Image

IMR32 whole cell and nuclear extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with NeuroD1 antibody [HL3356] (GTX641133) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

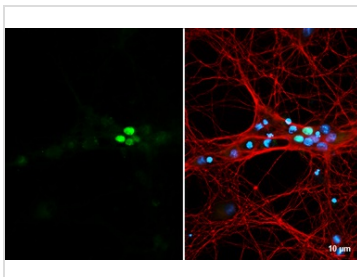

GTX641133 IHC-P Image

NeuroD1 antibody [HL3356] detects NeuroD1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse hippocampus.

NeuroD1 stained by NeuroD1 antibody [HL3356] (GTX641133) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX641133 ICC/IF Image

NeuroD1 antibody [HL3356] detects NeuroD1 protein by immunofluorescent analysis.

Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: NeuroD1 stained by NeuroD1 antibody [HL3356] (GTX641133) diluted at 1:250.

Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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