

## NeuroD1 antibody

Cat. No. GTX134069

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

References ( 3 )

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

Not tested in other applications.

Calculated MW 40 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	1.65 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of mouse NeuroD1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

## Note

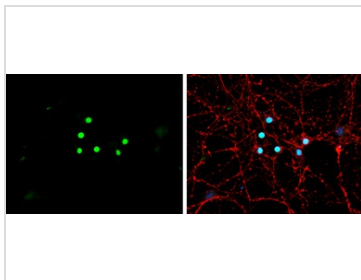
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## DATA IMAGES



### GTX134069 ICC/IF Image

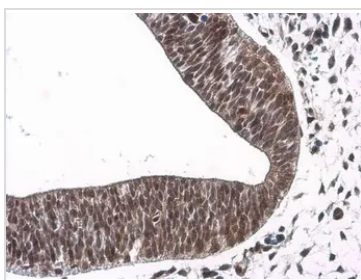
NeuroD1 antibody detects NeuroD1 protein by immunofluorescent analysis.

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

Green: NeuroD1 stained by NeuroD1 antibody (GTX134069) diluted at 1:500.

Red: alpha Tubulin, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



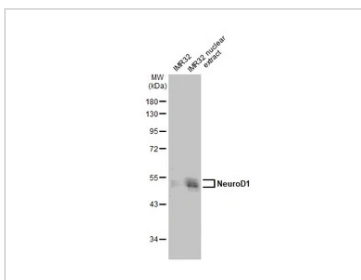
### GTX134069 IHC-P Image

NeuroD1 antibody detects NeuroD1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded E10.5 mouse embryo.

NeuroD1 stained by NeuroD1 antibody (GTX134069) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX134069 WB Image

IMR32 whole cell and nuclear extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with NeuroD1 antibody (GTX134069) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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