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## Datasheet for ABIN7259466 anti-NEUROD1 antibody

### 1 Image

#### Overview

Quantity:	200 µL
Target:	NEUROD1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEUROD1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant fusion protein of human NEUROD1 (NP_002491.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	NEUROD1
Alternative Name:	NEUROD1 ( <a href="#">NEUROD1 Products</a> )
Background:	This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus.

## Target Details

Gene ID:	4760
UniProt:	<a href="#">Q13562</a>
Pathways:	<a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Hormone Transport</a> , <a href="#">Carbohydrate Homeostasis</a>

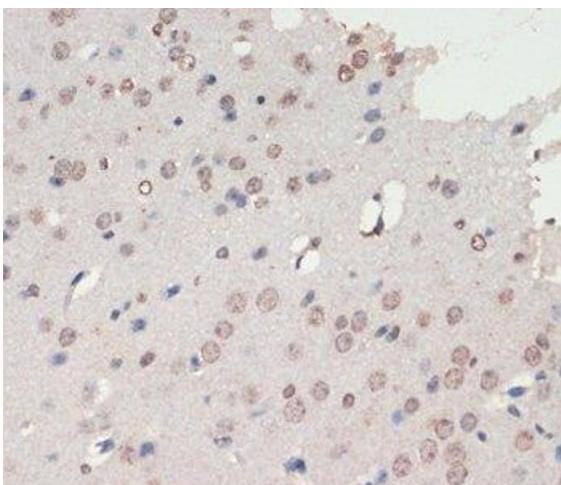
## Application Details

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse brain using NEUROD1 Polyclonal Antibody at dilution of 1:200 (40x lens).