

NEUROD1 Rabbit pAb

Catalog No.: A16927

Basic Information

Observed MW

Refer to figures

Calculated MW

40kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Mouse

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.

Recommended Dilutions

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

4760

Swiss Prot

Q13562

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-356 of human NEUROD1 (NP_002491.2).

Synonyms

T2D; BETA2; BHF-1; MODY6; NEUROD; bHLHa3; NEUROD1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

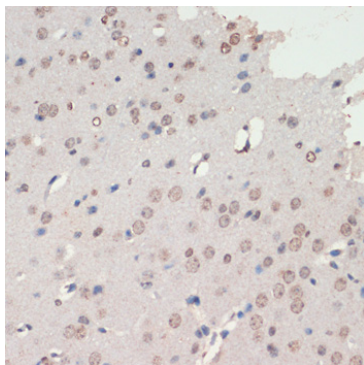
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded mouse brain using NEUROD1 Rabbit pAb (A16927) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.