NEUROD1 Rabbit pAb

Catalog No.: A24669



Basic Information

Observed MW

Refer to figures

Calculated MW

40kDa

Category

Primary antibody

Applications

IF-P,ELISA

Cross-Reactivity

Mouse, Rat

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

IF-P

1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

Swiss Prot Q13562

4760

ImmunogenRecombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

2		400-999-6126
\bowtie	Τ	cn.market@abclonal.com.cn
•	Т	www.abclonal.com.cn

Product Information

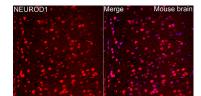
SourceIsotypePurificationRabbitIgGAffinity purification

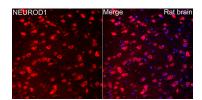
Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data





Immunofluorescence analysis of paraffinembedded mouse brain using NEUROD1 Rabbit pAb (A24669) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.

Immunofluorescence analysis of paraffinembedded rat brain using NEUROD1 Rabbit pAb (A24669) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.