

phospho-NeuroD1 (Ser274) Polyclonal Antibody

Catalog: BS65833 Host: Rabbit Reactivity: Human, Mouse, Rat, Pig, Cow, Sheep

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. [provided by RefSeq, Jul 2008]

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~40 kDa

Swiss-Prot:

Q13562

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

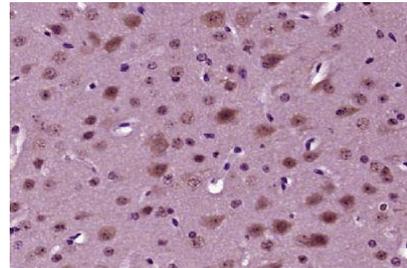
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -6 °C long term. Avoid freeze-thaw cycles.

Specificity:

phospho-NeuroD1 (Ser274) Polyclonal Antibody detects endogenous levels of NeuroD1 protein only when phosphorylated at Y274.

DATA:



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (NeuroD1 (Ser274)) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C

Note:

For research use only, not for use in diagnostic procedure.

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