

Neuro D(Phospho Ser274) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11844
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Neuro D around the phosphorylation site of Ser274. AA range:240-289
Mol wt	39890
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Neurogenic differentiation factor 1
Synonyms	Neurogenic differentiation factor 1; NEUROD1; BHLHA3; NEUROD; Neurogenic differentiation factor 1; NeuroD; NeuroD1; Class A basic helix-loop-helix protein 3; bHLHa3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

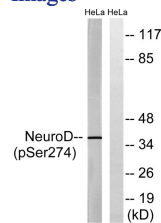
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HeLa cells treated with UV 15', using Neuro D (Phospho-Ser274) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year