

Neuro D2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05924
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NDF2. AA range:61-110
Mol wt	41361
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Neuro D2 Antibody
Synonyms	NEUROD2; BHLHA1; NDRF; Neurogenic differentiation factor 2; NeuroD2; Class A basic helix-loop-helix protein 1; bHLHa1; NeuroD-related factor; NDRF

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

Background

NEUROD2 encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of NEUROD2 can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in Xenopus embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates.

Recommended Dilution

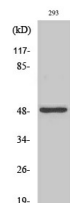
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

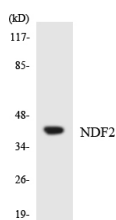
ELISA: 1: 10000

Not yet tested in other applications.

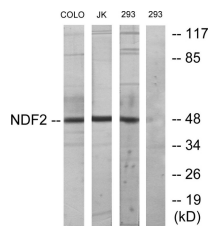
Images



Western Blot analysis of various cells using Neuro D2 Polyclonal Antibody cells nucleus.



Western blot analysis of the lysates from COLO205 cells using NDF2 antibody.



Western blot analysis of lysates from 293, COLO, and Jurkat cells, using NDF2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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