

Product Name: Neuro D2 Rabbit Polyclonal Antibody
Catalog #: APRab14602



Summary

Production Name	Neuro D2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NEUROD2
Alternative Names	NEUROD2; BHLHA1; NDRF; Neurogenic differentiation factor 2; NeuroD2; Class A basic helix-loop-helix protein 1; bHLHa1; NeuroD-related factor; NDRF
Gene ID	4761.0
SwissProt ID	Q15784.The antiserum was produced against synthesized peptide derived from human NDF2. AA range:61-110

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	48kDa

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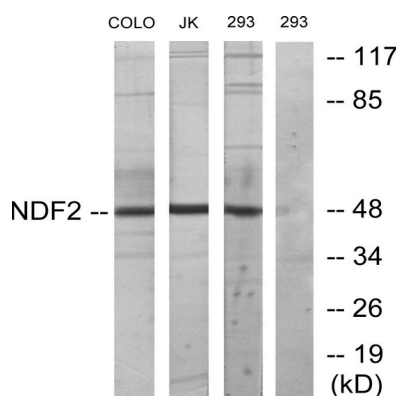


Background

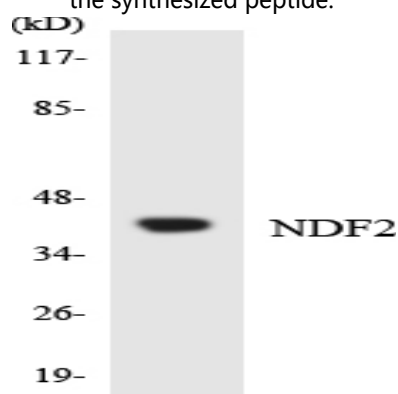
This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can 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. [provided by RefSeq, Jul 2008],function:Appears to mediate neuronal differentiation.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,

Research Area

Image Data

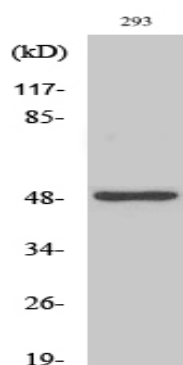


Western blot analysis of lysates from 293, COLO, and Jurkat cells, using NDF2 Antibody. The lane on the right is blocked with the synthesized peptide.



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

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Western Blot analysis of various cells using Neuro D2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

Note

For research use only.