

产品名称: Neuro D2 Rabbit Polyclonal Antibody
产品货号: APRab14602



产品概述 (Summary)

产品名称 (Production Name)	Neuro D2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

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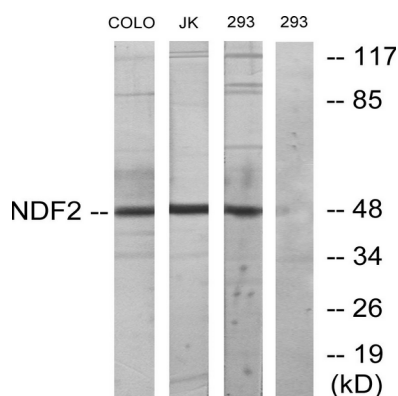
研究背景 (Background)

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.,

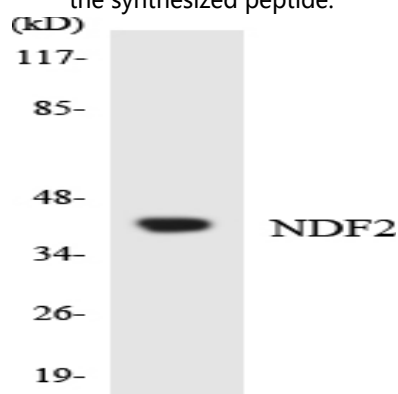
研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Transcription; Domain Families; HLH / Leucine Zipper; HLH; Neuroscience; Neurology process; Neurogenesis; Stem Cells; Neural Stem Cells; Intracellular

图片 (Image Data)

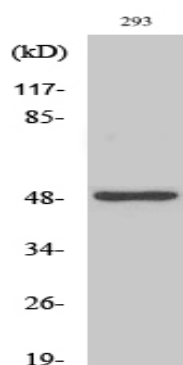


Western blot analysis of lysates from 293, COLO, and Jurkat cells, using NDF2 Antibody. The lane on the right is blocked with the synthesized peptide.



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, Invent biotech, MN, USA) .

注意事项 (Note)

For research use only .