

Neuro D2 Polyclonal Antibody

Catalog No: YT3062

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: Neuro D2

Gene Name: NEUROD2

Protein Name: Neurogenic differentiation factor 2

Q15784

Q62414

Human Gene Id: 4761

Human Swiss Prot

No:

Mouse Gene ld: 18013

Mouse Swiss Prot

No:

Rat Gene ld: 54276

Rat Swiss Prot No: Q63689

Immunogen: The antiserum was produced against synthesized peptide derived from human

NDF2. AA range:61-110

Specificity: Neuro D2 Polyclonal Antibody detects endogenous levels of Neuro D2 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 48kD

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 **Function:**

helix-loop-helix (bHLH) domain., subunit: Efficient DNA binding requires

dimerization with another bHLH protein.,

Subcellular Location:

Nucleus.

Expression: Brain,

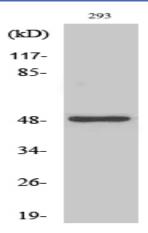
Sort: 10712

No4:

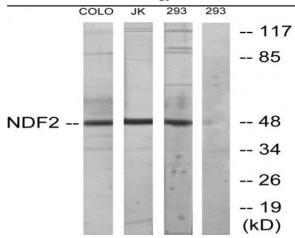
Host: Rabbit

Modifications: Unmodified

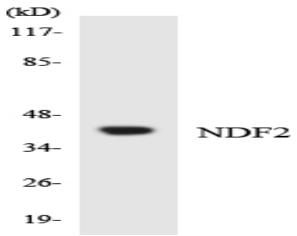
Products Images



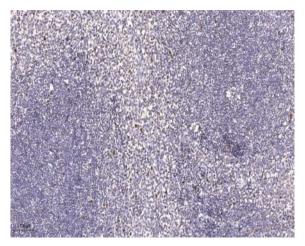
Western Blot analysis of various cells using Neuro D2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).