

Neuro D2 Rabbit pAb

CatalogNo: YT3062

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 48kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

Storage

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

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

Basic Information

Clonality Polyclonal

Immunogen Information

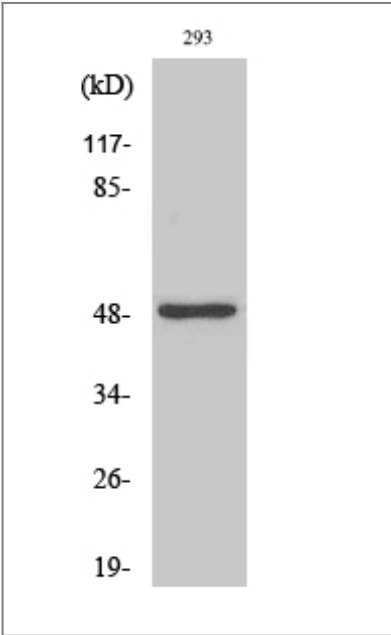
Immunogen The antiserum was produced against synthesized peptide derived from human NDF2. AA range: 61-110

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

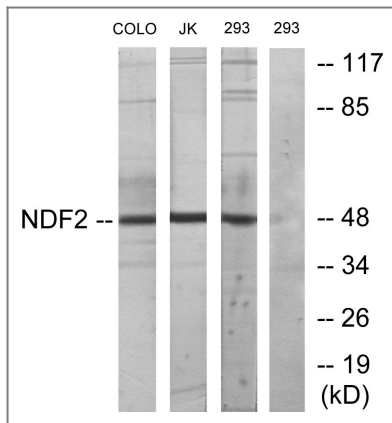
Target Information

Gene name	NEUROD2		
Protein Name	Neurogenic differentiation factor 2		
	Organism	Gene ID	UniProt ID
	Human	4761 ;	Q15784 ;
	Mouse	18013 ;	Q62414 ;
	Rat	54276 ;	Q63689 ;
Cellular Localization	Nucleus .		
Tissue specificity	Brain,		
Function	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.,		

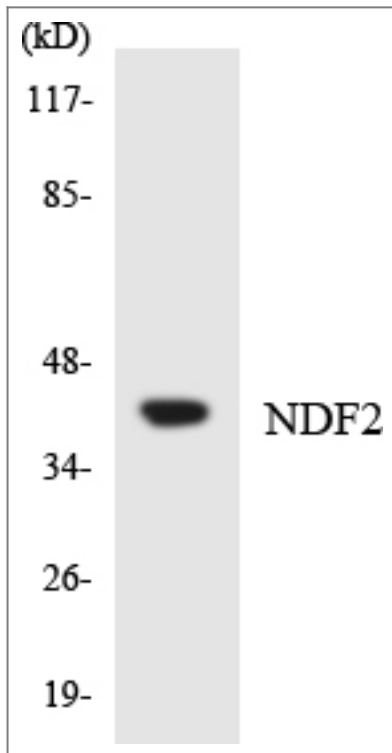
| Validation Data



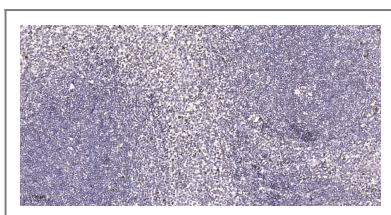
Western Blot analysis of various cells using Neuro D2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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).

Contact information

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