

Affinity Biosciences website:www.affbiotech.com

website:www.affbiotech.com order:order@affbiotech.com

Neuro D Ab

Cat.#: AF0109 Concn.: 1mg/ml Mol.Wt.: 36kDa Size: 100ul,200ul Source: Rabbit Clonality: Polyclonal

Application: WB: 1:500~1:3000, IF/ICC 1:100-1:500

Reactivity: Human, Mouse, Rat

Purification: The antiserum was purified by peptide affinity

chromatography using SulfoLink™ Coupling Resin (Thermo

Fisher Scientific).

Specificity: Neuro D Ab detects endogenous levels of total Neuro D.

Immunogen: A synthesized peptide derived from human Neuro D.

Uniprot: Q13562

Description: NEUROD1 Differentiation factor required for dendrite

morphogenesis and maintenance in the cerebellar cortex. Transcriptional activator. Binds to the insulin gene E-box. Efficient DNA binding requires dimerization with another bHLH protein. Heterodimer with TCF3/E47. Interacts with

RREB1.

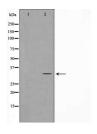
Subcellular Location: Cytoplasm. Nucleus.

Storage Condition and

Buffer:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20

°C.Stable for 12 months from date of receipt.



Western blot analysis on HeLa cell lysate using Neuro D Ab.The lane on the left is treated with the antigen-specific peptide.



AF0109 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Cat.# S0006), diluted at 1/600, was used as secondary Ab.



<code>TMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1% TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.