



NELL2 polyclonal antibody

Catalog: BS35769

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Protein kinase C-binding protein NELL2: Plays multiple roles in neural tissues, regulates neuronal proliferation, survival, differentiation, polarization, as well as axon guidance and synaptic functions. Plays an important role in axon development during neuronal differentiation through the MAPK intracellular signaling pathway (By similarity). Via binding to its receptor ROBO3, plays a role in axon guidance, functioning as a repulsive axon guidance cue that contributes to commissural axon guidance to the midline. Required for neuron survival through the modulation of MAPK signaling pathways too. Involved in the regulation of hypothalamic GNRH secretion and the control of puberty (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~91.3 kDa

Swiss-Prot:

Q99435

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of NELL2 protein

DATA:

Western blot analysis of ACAA1 expression in mouse liver (A), mouse kidney (B) whole cell lysates.

Immunohistochemical analysis of ACAA1 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Flow cytometric analysis of HL60 cells using Anti-ACAA1 Antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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