

DNER polyclonal antibody

Catalog: BS60337

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

DNER (Delta-notch-like EGF-related receptor), also known as Delta-notch-like EGF repeat-containing trans-membrane protein, is a neuron-specific, atypical Notch ligand expressed in dendrites and cell bodies of neurons throughout the central nervous system. DNER contains ten extracellular EGF-like domains that are highly homologous to those of the Notch ligand, Delta. In the cerebellum, DNER is predominantly expressed in Purkinje cells. DNER mediates neuron-glia interaction during astrocytogenesis through a direct interaction with Notch 1 at Purkinje cell/Bergmann glia contacts. This interaction activates a Deltex-dependent Notch signaling pathway in Bergmann glia and may regulate Bergmann glial morphogenesis. DNER is crucial for the functional and morphological maturation of Bergmann glia. DNER-knockout mice are characterized by motor discoordination and cerebellum retardation in morphogenesis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q8NFT8

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

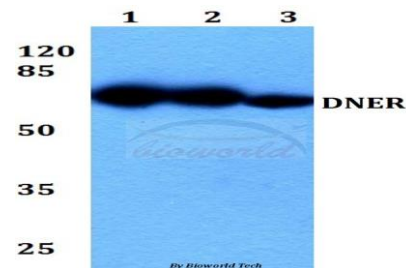
Storage&Stability:

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

Specificity:

DNER polyclonal antibody detects endogenous levels of DNER protein.

DATA:



Western blot (WB) analysis of DNER polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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