

DNER polyclonal antibody

Catalog: BS76372

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

DNER (Delta/Notch-like EGF-related receptor), also known as BET (brain-specific EGF-like transmembrane protein), is a type I transmembrane glycoprotein of the Notch/Delta family. In the mouse, DNER has been detected as 90, 120 and 150 kDa forms which are probably variably glycosylated. Activator of the NOTCH1 pathway. May mediate neuron-glia interaction during astrocytogenesis. DNER associates with protein tyrosine phosphatase zeta (PTP zeta), which is the receptor of pleiotrophin (PTN). PTP zeta-PTN-DNER signaling has been implicated in the regulation of neuritogenesis. Expression of DNER in glioblastoma stem-like cells inhibits formation of neurospheres in vitro, while in vivo it induces differentiation and inhibits growth of xenografts, thus acting as a tumor suppressor.

Product:

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

Molecular Weight:

80kDa

Swiss-Prot:

Q8NFT8

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:200 - 1:2000 | IF/ICC, 1:50 - 1:200

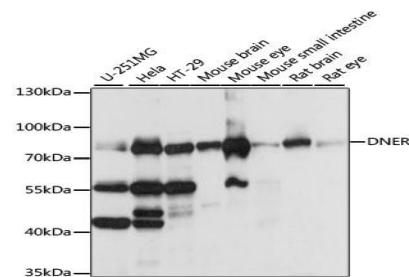
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

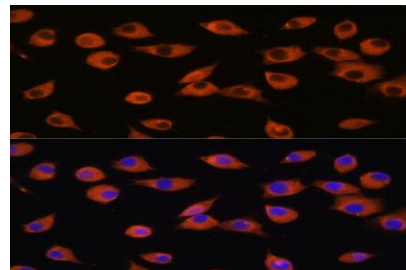
term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using DNER antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunofluorescence analysis of L929 cells using DNER antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Note:

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

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