For Research Use Only

DNER Recombinant monoclonal antibody

Catalog Number:87343-1-RR

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Basic Information

Catalog Number:
87343-1-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG6559

GenBank Accession Number:
NM_139072.4

GeneID (NCBI):
92737

UNIPROT ID:
Q8NFT8

Full Name:
delta/notch-like EGF repeat containing

Calculated MW:
78 kDa

Observed MW:
140 kDa

Purification Method:
Protein A purification

CloneNo.:
252587F3

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse cerebellum tissue, rat cerebellum tissue, mouse brain tissue, rat brain tissue, mouse spinal cord tissue, rat spinal cord tissue

Background Information

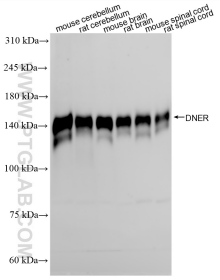
Delta and Notch-like epidermal growth factor-related receptor (DNER) is a type I transmembrane protein that is specifically expressed in the developing and mature central nervous system (PMID: 11950833). It contains ten extracellular EGF-like repeats that are closely related to those of the developmentally important receptor Notch and its ligand Delta. DNER functions as a Notch ligand and mediates signaling through neuron-glia interactions (PMID: 15965470).

Storage

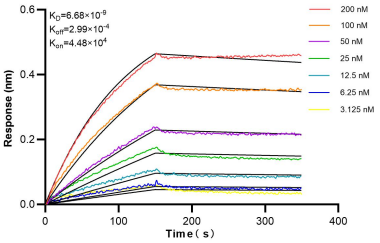
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87343-1-RR (DNER antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87343-1-RR against Human DNER were performed. The affinity constant is 6.66 nM.