

For Research Use Only

DNER Recombinant monoclonal antibody

Catalog Number: 87343-1-RR



Basic Information

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|--|---|---|
| Catalog Number: 87343-1-RR | GenBank Accession Number: NM_139072.4 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 92737 | CloneNo.: 252587F3 |
| Source: Rabbit | UNIPROT ID: Q8NFT8 | Recommended Dilutions: WB: 1:2000-1:10000 |
| Isotype: IgG | Full Name: delta/notch-like EGF repeat containing | |
| Immunogen Catalog Number: EG6559 | Calculated MW: 78 kDa | |
| | Observed MW: 140 kDa | |

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

*** 20ul sizes contain 0.1% BSA

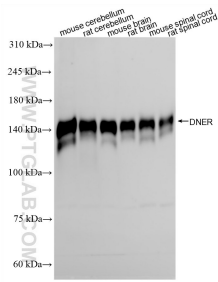
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

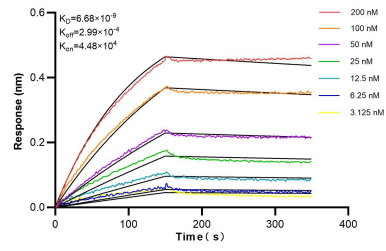
E: proteintech@ptglab.com
W: ptglab.com

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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.