For Research Use Only

DNER Recombinant monoclonal antibody, PBS Only

Catalog Number:87343-1-PBS

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Basic Information

Catalog Number:
87343-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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 -80°C.
Storage Buffer:
PBS only, pH7.3

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
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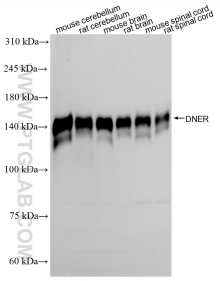
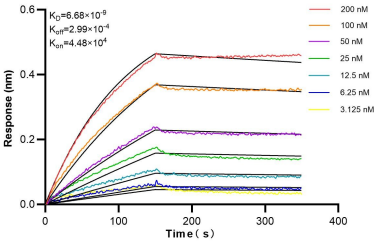
Selected Validation Data



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. This data was developed using the same antibody clone with 87343-1-PBS in a different storage buffer formulation.



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