

For Research Use Only

# DNER Polyclonal antibody

Catalog Number: 24362-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

24362-1-AP

### Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19955

### GenBank Accession Number:

BC035009

### GeneID (NCBI):

92737

### UNIPROT ID:

Q8NFT8

### Full Name:

delta/notch-like EGF repeat containing

### Calculated MW:

78 kDa

### Observed MW:

110-130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:300-1:1200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, pig

### Cited Species:

human

### Positive Controls:

WB : mouse cerebellum tissue, pig cerebellum tissue

IHC : mouse cerebellum tissue, mouse brain tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ping'an Ding	39556695	Adv Sci (Weinh)	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

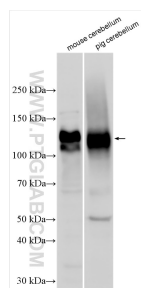
For technical support and original validation data for this product please contact:

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

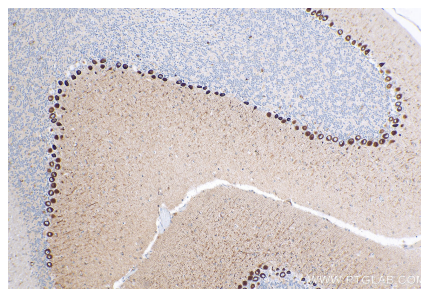
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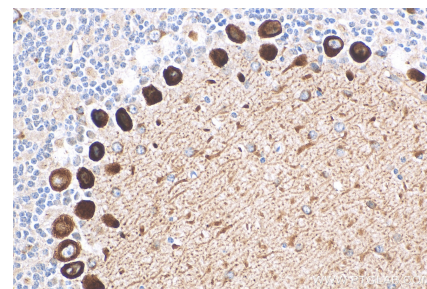
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24362-1-AP (DNER antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 24362-1-AP (DNER antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 24362-1-AP (DNER antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).