

For Research Use Only

# DNER Polyclonal antibody

Catalog Number: 24362-1-AP



## Basic Information

<b>Catalog Number:</b> 24362-1-AP	<b>GenBank Accession Number:</b> BC035009	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 92737	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:300-1:1200
<b>Source:</b> Rabbit	<b>Full Name:</b> delta/notch-like EGF repeat containing	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 78 kDa	
<b>Immunogen Catalog Number:</b> AG19955	<b>Observed MW:</b> 110-130 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human, mouse, pig

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

### Positive Controls:

WB : mouse cerebellum tissue, pig cerebellum tissue

IHC : mouse cerebellum tissue, mouse brain 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

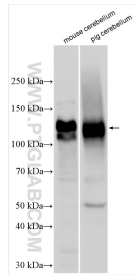
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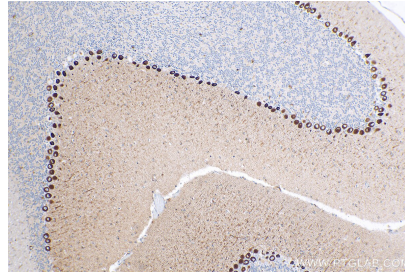
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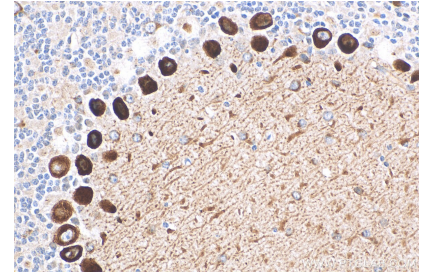
## Selected Validation Data



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).