

For Research Use Only

# CNTNAP4 Polyclonal antibody, PBS Only

Catalog Number: 32250-1-PBS



## Basic Information

**Catalog Number:**

32250-1-PBS

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG37716

**GenBank Accession Number:**

NM\_033401.4

**GeneID (NCBI):**

85445

**UNIPROT ID:**

Q9C0A0

**Full Name:**

contactin associated protein-like 4

**Calculated MW:**

145kDa 1308aa / 137 kDa 1235aa

**Observed MW:**

150 kDa, 137 kDa

**Purification Method:**

Antigen affinity Purification

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

Contactin-associated protein-like 4 (Cntnap4) is critical for GABAergic transmission in the brain. Impaired Cntnap4 function is implicated in neurological disorders, such as autism. Loss of Cntnap4 causes pro-inflammatory cognitive decline (PMID: 37933376).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

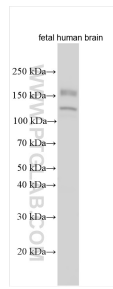
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32250-1-AP (CNTNAP4 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32250-1-PBS in a different storage buffer formulation.