

Calneuron-1 / CALN1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13971**Specification**

Calneuron-1 / CALN1 Antibody (N-Terminus) - Product Information

Application	WB, IHC
Primary Accession	Q9BXU9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

Calneuron-1 / CALN1 Antibody (N-Terminus) - Additional Information**Gene ID** 83698**Other Names**

Calcium-binding protein 8, CaBP8, Calneuron I, Calneuron-1, CALN1, CABP8

Target/Specificity

Human CALN1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

Calneuron-1 / CALN1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Calneuron-1 / CALN1 Antibody (N-Terminus) - Protein Information**Name** CALN1**Synonyms** CABP8**Function**

Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity. May play a role in the physiology of neurons and is potentially important in memory and learning.

Cellular Location

Golgi apparatus, trans-Golgi network membrane; Single-pass type IV membrane protein. Cytoplasm, perinuclear region. Cell membrane; Single-pass type IV membrane protein

Tissue Location

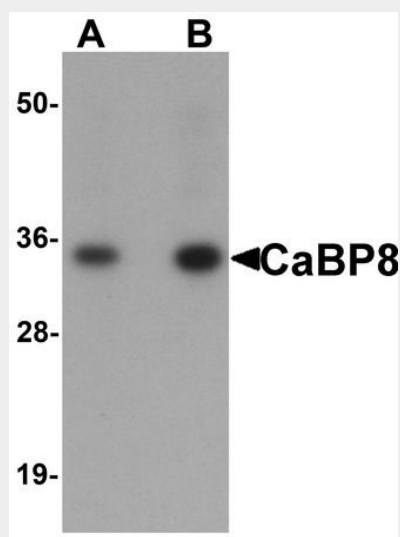
Brain specific..

Calneuron-1 / CALN1 Antibody (N-Terminus) - Protocols

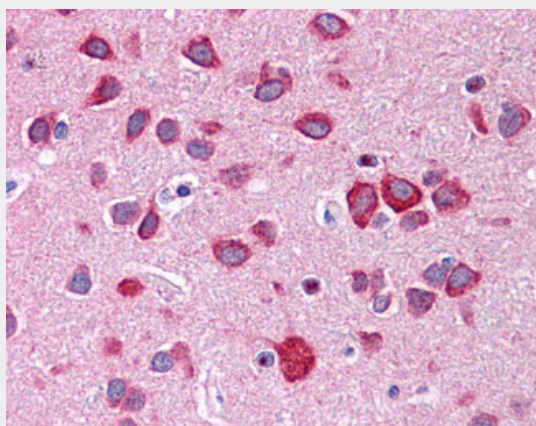
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Calneuron-1 / CALN1 Antibody (N-Terminus) - Images



Western blot analysis of CaBP8 in 3T3 cell lysate with CaBP8 antibody at (A) 1 and (B) 2 ug/ml.



Anti-CALN1 / Calneuron-1 antibody IHC of human brain, cortex.

Calneuron-1 / CALN1 Antibody (N-Terminus) - Background

Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity (By similarity). May play a role in the physiology of neurons and is potentially important in memory and learning.

Calneuron-1 / CALN1 Antibody (N-Terminus) - References

Wu Y.-Q.,et al.Mol. Genet. Metab. 72:343-350(2001).
Haeseleer F.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
McCue H.V.,et al.Biochem. Biophys. Res. Commun. 380:825-831(2009).