

CALN1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14825

Product Information

Application	WB
Primary Accession	Q9BXU9
Other Accession	NM_031468 , NP_113656
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29324

Additional Information

Gene ID	83698
Alias Symbol	CABP8
Other Names	Calcium-binding protein 8, CaBP8, Calneuron I, Calneuron-1, CALN1, CABP8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CALN1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CALN1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

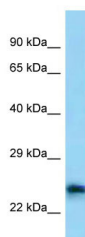
Protein Information

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..

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).

Images



WB Suggested Anti-CALN1 Antibody Titration: 1.0 µg/ml
Positive Control: COLO205 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.