

NCALD Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP10495b**Specification**

NCALD Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P61601](#)
Other Accession [NP_001035715.1](#), [NP_001035720.1](#),
[NP_001035716.1](#), [NP_001035717.1](#),
[NP_114430.2](#), [NP_001035718.1](#), [NP_0010](#)

NCALD Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 83988

Other Names
Neurocalcin-delta, NCALD

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NCALD Antibody (C-term) Blocking Peptide - Protein Information

Name NCALD

Function
May be involved in the calcium-dependent regulation of rhodopsin phosphorylation. Binds three calcium ions.

Tissue Location
Retina, cerebrum, cerebellum, brain stem, spinal cord, testis, ovary and small intestine

NCALD Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NCALD Antibody (C-term) Blocking Peptide - Images

NCALD Antibody (C-term) Blocking Peptide - Background

NCALD encodes a member of the neuronal calcium sensor(NCS) family of calcium-binding proteins. The protein contains anN-terminal myristoylation signal and four EF-hand calcium bindingloops. The protein is cytosolic at resting calcium levels; however,elevated intracellular calcium levels induce a conformationalchange that exposes the myristoyl group, resulting in proteinassociation with membranes and partial co-localization with theperinuclear trans-golgi network. The protein is thought to be aregulator of G protein-coupled receptor signal transduction.Several alternatively spliced variants of this gene have beendetermined, all of which encode the same protein; additionalvariants may exist but their biological validity has not beendetermined.

NCALD Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)Gill, M.B., et al. J. Biol. Chem. 284(21):14503-14512(2009)Venkataraman, V., et al. Biochemistry 47(25):6590-6601(2008)Kamiyama, M., et al. Hum. Genet. 122 (3-4), 397-407 (2007) :