

Datasheet for ABIN953613
anti-NCALD antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	NCALD
Binding Specificity:	AA 154-182, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCALD antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 154-182 amino acids from the C-terminal region of human NCALD
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse NCALD (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NCALD
Alternative Name:	NCALD (NCALD Products)
Background:	NCALD encodes a member of the neuronal calcium sensor (NCS) family of calcium-binding

Target Details

proteins. The protein contains an N-terminal myristoylation signal and four EF-hand calcium binding loops. The protein is cytosolic at resting calcium levels, however, elevated intracellular calcium levels induce a conformational change that exposes the myristoyl group, resulting in protein association with membranes and partial co-localization with the perinuclear trans-golgi network. The protein is thought to be a regulator of G protein-coupled receptor signal transduction. Several alternatively spliced variants of this gene have been determined, all of which encode the same protein, additional variants may exist but their biological validity has not been determined. Synonyms: Neurocalcin-delta

Molecular Weight: 22245 Da

Gene ID: 83988

NCBI Accession: [NP_001035714](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

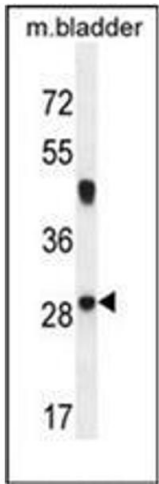
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of NCALD Antibody (C-term) in mouse bladder tissue lysates (35ug/lane). This demonstrates the NCALD antibody detected the NCALD protein (arrow).