

Datasheet for ABIN654452
anti-NCALD antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	NCALD
Binding Specificity:	AA 147-174, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCALD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NCALD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-174 amino acids from the C-terminal region of human NCALD.
Clone:	RB22143
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig, Rat, C, Pr, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NCALD
Alternative Name:	NCALD (NCALD Products)

Target Details

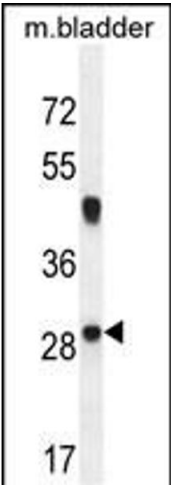
Background:	NCALD encodes a member of the neuronal calcium sensor (NCS) family of calcium-binding proteins. The protein contains an N-terminal myristoylation signal and four EF-hand calcium binding loops. The protein is cytosolic at resting calcium levels, however, elevated intracellular calcium levels 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.
Molecular Weight:	22245
Gene ID:	83988
NCBI Accession:	NP_001035714 , NP_001035715 , NP_001035716 , NP_001035717 , NP_001035718 , NP_001035719 , NP_001035720 , NP_114430
UniProt:	P61601

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. NCALD Antibody (C-term) (ABIN654452 and ABIN2844186) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the NCALD antibody detected the NCALD protein (arrow).