DNAxPAb | Hard-to-Find Antibody

NCALD DNAxPab

Catalog # H00083988-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NCALD DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGNFFPYGDASKF AEHVFRTFDANGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKM VSSVMKMPEDESTPEKRTEKIFRQMDTNRDGKLSLEEFIRGAKSDPSIVRLLQCDPSSAGQF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NCALD

Entrez GeneID	83988
GeneBank Accession#	NM_001040624.1
Protein Accession#	NP_001035714.1
Gene Name	NCALD
Gene Alias	MGC33870, MGC74858
Gene Description	neurocalcin delta
Omim ID	606722
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the neuronal calcium sensor (NCS) family of calcium-binding pro teins. The protein contains an N-terminal myristoylation signal and four EF-hand calcium binding l oops. The protein is cytosolic at resting calcium levels; however, elevated intracellular calcium lev els induce a conformational change that exposes the myristoyl group, resulting in protein associati on with membranes and partial co-localization with the perinuclear trans-golgi network. The protei n is thought to be a regulator of G protein-coupled receptor signal transduction. Several alternativ ely spliced variants of this gene have been determined, all of which encode the same protein; add itional variants may exist but their biological validity has not been determined. [provided by RefSe q
Other Designations	-

Disease

- Diabetes Mellitus
- Diabetic Neuropathies
- Genetic Predisposition to Disease
- Tobacco Use Disorder