

Neurocalcin Delta Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05925
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Neurocalcin δ . at AA range: 370-450
Mol wt	22245
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	Neurocalcin delta Antibody
Synonyms	NCALD; Neurocalcin-delta

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NCALD (neurocalcin delta) 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 NCALD have been determined, all of which encode the same protein; additional variants may exist but their biological validity has not been determined.

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year