BT LAB
Bioassay Technology Laboratory
Optimize Your Research

NCAM-L1(Phospho Ser1181) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01202
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD171/N-CAML1 around the phosphorylation site of Ser1181. AA range:1147-1196
Mol wt	140003
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Neural cell adhesion molecule L1
Synonyms	Neural cell adhesion molecule L1; L1CAM; CAML1; MIC5; Neural cell adhesion molecule L1; N-CAM-L1; NCAM-L1; CD antigen CD171

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

Background

The protein encoded by this gene is an axonal glycoprotein belonging to the immunoglobulin supergene family. The ectodomain, consisting of several immunoglobulin-like domains and fibronectin-like repeats (type III), is linked via a single transmembrane sequence to a conserved cytoplasmic domain. This cell adhesion molecule plays an important role in nervous system development, including neuronal migration and differentiation. Mutations in the gene cause X-linked neurological syndromes known as CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of this gene results in multiple transcript variants, some of which include an alternate exon that is considered to be specific to neurons.

Recommended Dilution

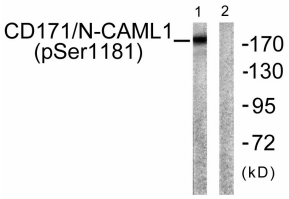
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, using CD171/N-CAML1 (Phospho-Ser1181) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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