

## NCAM-L1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05800
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CD171/N-CAML1. AA range:1147-1196
<b>Mol wt</b>	140003
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	NCAM-L1 Antibody
<b>Synonyms</b>	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

Neural cell adhesion molecule L1 encoded by L1CAM 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

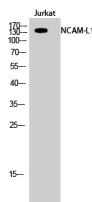
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

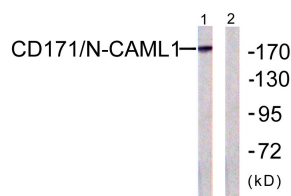
ELISA: 1: 20000

Not yet tested in other applications.

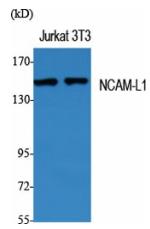
### Images



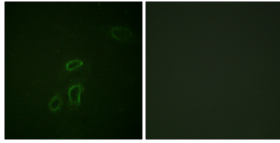
Western Blot analysis of Jurkat cells using NCAM-L1 Polyclonal Antibody



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



Western Blot analysis of various cells using NCAM-L1 Polyclonal Antibody



Immunofluorescence analysis of HepG2 cells, using CD171/N-CAM-L1 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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