

NCAM-L1 (8A15) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01169

Product information

产品货号	HZ-YMA01169
别名	L1CAM;CAML1;MIC5;Neural cell adhesion molecule L1;N-CAM-L1;NCAM-L1;CD antigen CD 171
产品名称	NCAM-L1 (8A15) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	L1CAM
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	3897
Human Swissprot No.	P32004
稀释度	IHC-P 1:200-1:1000, WB 1:500-1:2000, IF 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	250kDa
预测分子量	140kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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. [provided by RefSeq, May 2013],
细胞定位	Cell membrane ; Single-pass type I membrane protein . Cell projection, growth cone . Cell projection, axon . Cell projection, dendrite. Colocalized with SHTN1 in close apposition with actin filaments in filopodia and lamellipodia of axonal growth cones of hippocampal neurons (By similarity). In neurons, detected predominantly in axons and cell body, weak localization to dendrites (PubMed:20621658) .
Clonality	Monoclonal