

L1CAM Polyclonal Antibody

Catalog Number:D-AB-10196L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

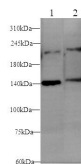
Description

Reactivity	Mouse,Rat
Immunogen	Recombinant Mouse L1cam protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol pH 7.4

Applications Recommended Dilution

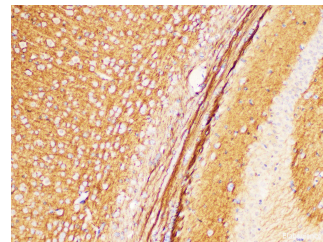
WB	1:500-1:1000
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Data

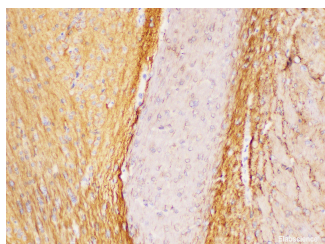


Western blot with L1cam Polyclonal antibody at dilution of 1:500.lane 1:Mouse brain,lane 2:Rat brain

Observed Mw:140-220kDa
Calculated Mw:140kDa



Immunohistochemistry of paraffin-embedded Mouse brain using L1CAM Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded Rat brain using L1CAM Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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

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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.

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