

L1CAM Rabbit mAb
Catalog # AP75658**Specification**

L1CAM Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P32004
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	140003

L1CAM Rabbit mAb - Additional Information**Gene ID** 3897**Other Names**
L1CAM**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**L1CAM Rabbit mAb - Protein Information****Name** L1CAM**Synonyms** CAML1, MIC5**Function**

Neural cell adhesion molecule involved in the dynamics of cell adhesion and in the generation of transmembrane signals at tyrosine kinase receptors. During brain development, critical in multiple processes, including neuronal migration, axonal growth and fasciculation, and synaptogenesis. In the mature brain, plays a role in the dynamics of neuronal structure and function, including synaptic plasticity.

Cellular Location

Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q05695}. Cell projection, growth cone {ECO:0000250|UniProtKB:Q05695}. Cell projection, axon. Cell projection, dendrite Note=Colocalized with SHTN1 in close apposition with actin filaments in filopodia and lamellipodia of axonalne growth cones of hippocampal neurons (By similarity). In neurons, detected predominantly in axons and cell body, weak localization to dendrites (PubMed:20621658) {ECO:0000250|UniProtKB:Q05695, ECO:0000269|PubMed:20621658}

L1CAM Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

L1CAM Rabbit mAb - Images

