

L1CAM Rabbit mAb

Catalog # AP75658

Product Information

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

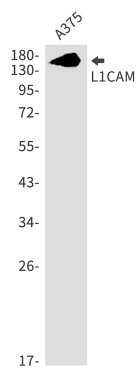
Additional Information

Gene ID	3897
Other Names	L1CAM
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid

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 axonal 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}

Images



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