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Product datasheet for TA392403M

L1CAM Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000~1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD171/N-CAML1.
Specificity:	CD171/N-CAML1 polyclonal antibody detects endogenous levels of CD171/N-CAML1 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 200 kDa
Gene Name:	L1 cell adhesion molecule
Database Link:	Entrez Gene 3897 Human P32004
Background:	Neural cell adhesion molecule L1 (NCAM-L1/L1CAM) is a single pass transmembrane glycoprotein member of the immunoglobulin superfamily, containing six amino-terminal extracellular Ig-like domains followed by five fibronectin type-III domains. NCAM-L1 is mainly expressed in the brain, and plays an important role in the developing nervous system, with involvement in neurite fasciculation and outgrowth, myelination, neuronal migration, and neuronal cell adhesion. Mutations in the NCAM-L1 gene cause varying degrees of neurological disease including X-linked hydrocephalus, MASA syndrome, spastic paraplegia type 1, and X-linked corpus callosum agenesis, together known as L1 syndrome. Apart from the nervous system, NCAM-L1 is overexpressed in many cancers and supports a poor prognosis by facilitating aggressive tumor growth, metastasis, and chemoresistance.

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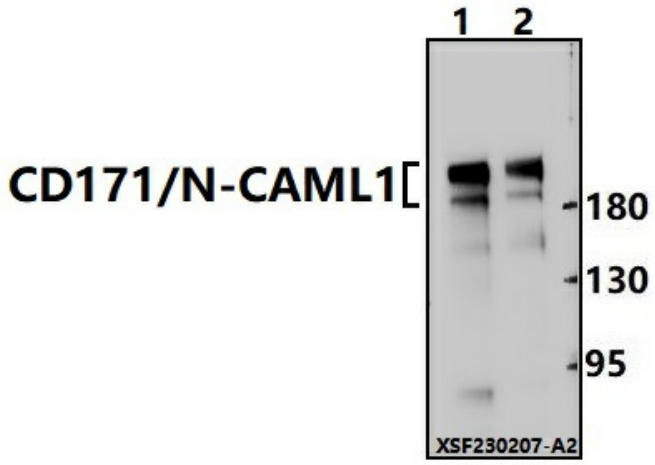
Synonyms: CAML1; CD171; L1CAM; MIC5; N-CAM-L1; NCAM-L1; Neural cell adhesion molecule L1

Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of CD171/N-CAML1 polyclonal antibody at 1:1000 dilution
Lane1:MCF-7 whole cell lysate(30ug)
Lane2:SGC7901 cell membrane lysate(24ug)