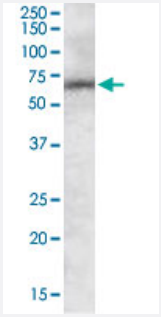
CADM4 polyclonal antibody

Catalog # PAB7528 Size 100 ug

Applications



Western Blot (Tissue lysate)

CADM4 polyclonal antibody (Cat # PAB7528) Staining of human brain (cerebellum) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CADM4.
Immunogen	A synthetic peptide corresponding to human CADM4.
Sequence	C-KDERFQLEEFS
Host	Goat
Theoretical MW (kDa)	42.8
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CADM4

Entrez GeneID	199731
Protein Accession#	NP_660339.1
Gene Name	CADM4
Gene Alias	IGSF4C, NECL4, Necl-4, TSLL2, synCAM4
Gene Description	cell adhesion molecule 4
Omim ID	609744
Gene Ontology	Hyperlink
Gene Summary	member 4C|nectin-like 4
Other Designations	TSLC1-like 2|immunoglobulin superfamily, member 4C|nectin-like 4

Publication Reference

- A central role for Necl4 (SynCAM4) in Schwann cell-axon interaction and myelination.

  Spiegel I, Adamsky K, Eshed Y, Milo R, Sabanay H, Sarig-Nadir O, Horresh I, Scherer SS, Rasband MN, Peles E.

  Nature Neuroscience 2007 Jul; 10(7):861.

  Application: IF, IHC, IP, Rat, Rat sciatic nerves

Disease

- Osteoporosis