

Goat Anti-CADM4 (internal) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1178b

Specification

Goat Anti-CADM4 (internal) Antibody - Product Information

Application	WB, IHC
Primary Accession	Q8NFZ8
Other Accession	NP_660339 , 199731 , 260299 (mouse)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	42785

Goat Anti-CADM4 (internal) Antibody - Additional Information

Gene ID 199731

Other Names

Cell adhesion molecule 4, Immunoglobulin superfamily member 4C, IgSF4C, Nectin-like protein 4, NECL-4, TSLC1-like protein 2, CADM4, IGSF4C, NECL4, TSLL2

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-CADM4 (internal) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CADM4 (internal) Antibody - Protein Information

Name CADM4

Synonyms IGSF4C, NECL4, TSLL2

Function

Involved in the cell-cell adhesion. Has calcium- and magnesium-independent cell-cell adhesion activity. May have tumor- suppressor activity.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Expressed in brain, prostate, brain, kidney and some other organs.

Goat Anti-CADM4 (internal) Antibody - Protocols

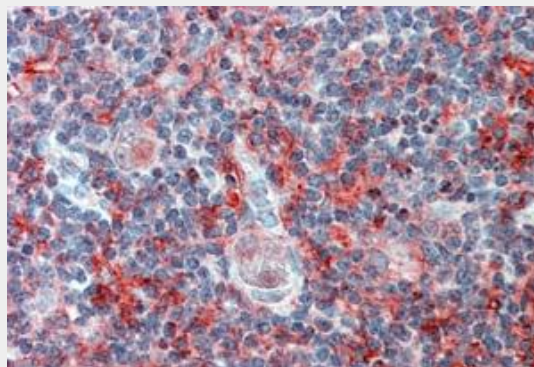
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-CADM4 (internal) Antibody - Images



Staining of Human Brain (Cerebellum) lysate (35 µg protein in RIPA buffer). A) AF1178b (0.1 µg/ml) and B) AF1178a (0.05 µg/ml). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1178b (2.5 µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-CADM4 (internal) Antibody - References

Genome-wide pleiotropy of osteoporosis-related phenotypes: the Framingham Study. Karasik D, et al. J Bone Miner Res, 2010 Jul. PMID 20200953.

The cell adhesion nectin-like molecules (Nect) 1 and 4 suppress the growth and tumorigenic ability of colon cancer cells. Raveh S, et al. J Cell Biochem, 2009 Sep 1. PMID 19565570.

A molecular-properties-based approach to understanding PDZ domain proteins and PDZ ligands. Giallourakis C, et al. Genome Res, 2006 Aug. PMID 16825666.

Cell adhesion and prostate tumor-suppressor activity of TSLL2/IGSF4C, an immunoglobulin superfamily molecule homologous to TSLC1/IGSF4. Williams YN, et al. Oncogene, 2006 Mar 9. PMID 16261159.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.