

## Anti-Cell adhesion molecule 3 CADM3 Antibody

Catalog Number: A08747

### About CADM3

Cell adhesion molecule 3 (CADM3) is a member of a family of immunoglobulin-like, calcium-independent cell-cell adhesion molecules (1,2). CADM3 localizes to non-junctional contact sites of presynaptic nerve terminals, axons and glia cell processes and is thought to play an important role in the formation of synapses, axon bundles and myelinated axons (3). Recently, CADM3 has been shown to suppress the growth and tumorigenic ability of colon cancer cells, indicating that it can act as a tumor suppressor (4).

### Overview

Product Name	Anti-Cell adhesion molecule 3 CADM3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cell adhesion molecule 3 CADM3 Antibody (Catalog # A08747). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	CADM3 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	CADM3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8N126

### Technical Details

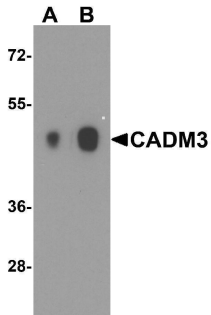
Immunogen	CADM3 antibody was raised against a 16 amino acid peptide near the center of human CADM3. The immunogen is located within amino acids 220 - 270 of CADM3.
Predicted Reactive Species	Bovine
Cross Reactivity	CADM3 antibody is human, mouse and rat reactive. At least three isoforms are known to exist; this antibody will only detect the two longest isoforms. CADM3 antibody is predicted to not cross-react with other members of the CADM protein family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CADM3 antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

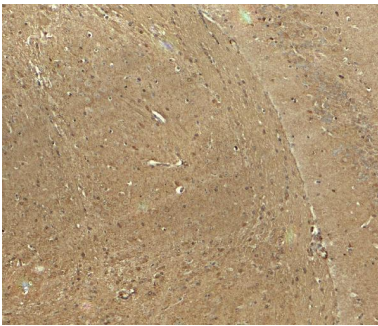
CADM3 antibody can be used for detection of CADM3 by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

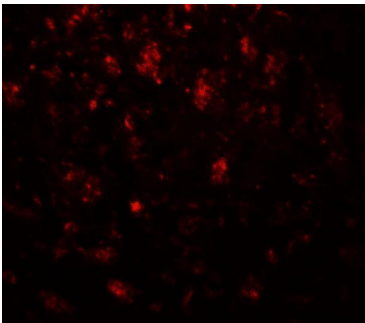
## Anti-Cell adhesion molecule 3 CADM3 Antibody (A08747) Images



Western blot analysis of CADM3 in human brain tissue lysate with CADM3 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of CADM3 in mouse brain tissue with CADM3 antibody at 5 ug/ml.



Immunofluorescence of CADM3 in mouse brain tissue with CADM3 antibody at 20 ug/ml.

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