

Datasheet for 600-401-AA6**CADM3 Antibody****Overview**

Description:	Anti-CADM3 (RABBIT) Antibody - 600-401-AA6
Item No.:	600-401-AA6
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	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).
Synonyms:	Cell adhesion molecule 3, BlgR, NECL1, Necl-1, TSLL1, IGSF4B, synCAM3
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CADM3
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CADM3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid peptide near the internal region of human CADM3.

Purity/Specificity: Anti-CADM3 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. 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.

Relevant Links:

- [UniProtKB - Q8N126](#)
- [GeneID - 57863](#)
- [NCBI - NP_067012](#)

Application Details

Tested Applications: ELISA, IF, IHC, WB

Application Note: Anti-CADM3 Antibody has been tested for use in ELISA, immunofluorescence, immunohistochemistry, and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 41 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:20,000

IF: 20 µg/mL

IHC: 5 µg/mL

WB: 1-2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

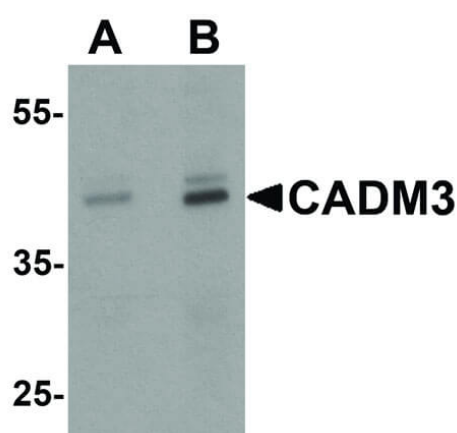
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Rabbit anti-CADM3 antibody. Lane A: mouse brain tissue lysate at 1 µg/mL. Lane B: mouse brain tissue lysate at 2 µg/mL. Primary antibody: CADM3 antibody overnight at 4°C. Secondary antibody: Goat anti-rabbit HRP secondary antibody. Block: 5% BLOTTO. Predicted/Observed size: 44/48 kDa, 50 kDa for CADM3.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.