

[Go to Product page](#)

## Datasheet for ABIN6990395 **anti-CARD10 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	CARD10
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	CARD10 antibody was raised against a synthetic peptide corresponding to 14 amino acids at the C-terminus of human CARD10. The immunogen is located within the last 50 amino acids of CARD10.
Isotype:	IgG
Purification:	CARD10 Antibody is immunoaffinity purified .

### Target Details

Target:	CARD10
Alternative Name:	CARD10 ( <a href="#">CARD10 Products</a> )
Background:	CARD10 Antibody: Apoptosis is related to many diseases and development. Cell death signals are transduced by death domain (DD), death effector domain (DED), and caspase recruitment

## Target Details

domain (CARD) containing molecules. CARD containing proteins include some caspases, Apaf-1, CARD4, IAPs, RICK, ARC, RAIDD, Bcl-10, and ASC. A novel CARD-containing protein was recently identified and designated CARD10. This protein belongs to the membrane-associated guanylate kinase-like (MAGUK) family of proteins that can function as molecular scaffolds that assist assembly of signal transduction molecules. CARD 10 interacts with Bcl-10, a Bcl protein that promotes apoptosis, caspase-9 maturation and activation of NF- $\kappa$ B. CARD 10 and the related protein CARMA1 also associate with NEMO, the regulatory subunit of the I $\kappa$ B complex, demonstrating its importance in the regulation of NF- $\kappa$ B transcription factor activation.

Molecular Weight: Predicted: 116 kDa

Observed: 115 kDa

Gene ID: 29775

UniProt: [Q9BWT7](#)

Pathways: [S100 Proteins](#)

## Application Details

Application Notes: CARD10 antibody can be used for detection of CARD10 by Western blot at 5  $\mu$ g/mL. Antibody can also be used for immunocytochemistry starting at 10  $\mu$ g/mL. For immunofluorescence start at 20  $\mu$ g/mL.

Antibody validated: Western Blot in mouse samples, Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CARD10 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

---

Storage:	-20 °C, 4 °C
----------	--------------

Storage Comment:	CARD10 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
------------------	--