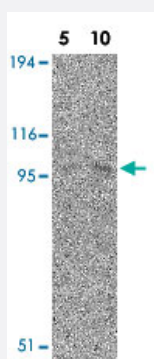


CARD10 polyclonal antibody

Catalog # PAB12878

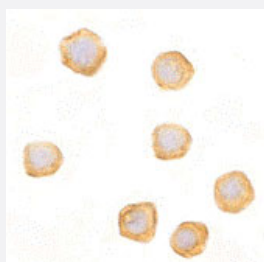
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of CARD10 expression in EL4 cell lysate with CARD10 polyclonal antibody (Cat # PAB12878) at 5 and 10 ug /mL .



Immunocytochemistry

Immunocytochemistry of CARD10 in EL4 cells with CARD10 polyclonal antibody (Cat # PAB12878) at 10 ug/mL .

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of CARD10.

Immunogen

A synthetic peptide corresponding to C-terminus 14 amino acids of human CARD10.

Host

Rabbit

Reactivity

Human, Mouse

Form

Liquid

Recommend Usage

Western Blot (5-10 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of CARD10 expression in EL4 cell lysate with CARD10 polyclonal antibody (Cat # PAB12878) at 5 and 10 ug /mL .

- Immunocytochemistry

Immunocytochemistry of CARD10 in EL4 cells with CARD10 polyclonal antibody (Cat # PAB12878) at 10 ug/mL .

Gene Info — CARD10

Entrez GeneID	29775
Protein Accession#	AAK26165
Gene Name	CARD10
Gene Alias	BIMP1, CARMA3, MGC142219
Gene Description	caspase recruitment domain family, member 10
Omim ID	607209
Gene Ontology	Hyperlink
Gene Summary	The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).[supplied by OMIM]
Other Designations	Bcl10 binding protein and activator of NFKB CARD-containing MAGUK 3 protein caspase recruitment domain protein 10

Publication Reference

- [Physical and functional interaction of CARMA1 and CARMA3 with Ikappa kinase gamma-NFkappaB essential modulator.](#)

Stilo R, Liguoro D, Di Jeso B, Formisano S, Consiglio E, Leonardi A, Vito P.

The Journal of Biological Chemistry 2004 Aug; 279(33):34323.

Application: WB-Tr, Human, HEK 293 cells

- [New roles for Bcl10 in B-cell development and LPS response.](#)

Fischer KD, Tedford K, Wirth T.

Trends in Immunology 2004 Mar; 25(3):113.

Application: IHC, WB, Human, Mouse, Mammalian cells

- [Protein modules as organizers of membrane structure.](#)

Fanning AS, Anderson JM.

Current Opinion in Cell Biology 1999 Aug; 11(4):432.

Disease

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- [Diabetes Mellitus](#)
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