



Rabbit Anti-CARD10 antibody

SL7081R

Product Name:	CARD10
Chinese Name:	BCL10Binding protein和激活核转录因子抗体
Alias:	Bcl10 binding protein and activator of NFkB; BIMP1; CAR10_HUMAN; CARD 10; CARD-containing MAGUK 3; CARD-containing MAGUK protein 3; CARD10; Carma 3; CARMA3; Caspase Recruitment Domain family member 10; Caspase recruitment domain-containing protein 10.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Monkey,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	116kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CARD10:165-248/248
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 Σ C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 Σ C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 Σ C.
PubMed:	PubMed
Product Detail:	Membrane-associated guanylate kinase (MAGUK) family members function as molecular scaffolds for the assembly of multiprotein complexes localizing to the plasma membrane. Several mammalian proteins related to the Drosophila tumor suppressor discs-large (dlg) gene product belong to the MAGUK family, including the

caspace recruitment domain (CARD) protein family with the exception of CARD9. The CARD domain consists of 6 or 7 antiparallel alpha helices. CARD family members participate in apoptosis signaling through highly specific protein-protein homophilic interactions. CARD 10 (also designated CARD-containing MAGUK protein 3 or Carma 3) interacts with BCL-10 to activate NF κ B. CARD10 is expressed in a variety of adult and fetal tissues, including heart, kidney and liver, and in multiple cancer cell lines.

Function:

Activates NF-kappa-B via BCL10 and IKK.

Tissue Specificity:

Detected in adult heart, kidney and liver; lower levels in intestine, placenta, muscle and lung. Also found in fetal lung, liver and kidney.

Similarity:

Contains 1 CARD domain.

SWISS:

Q9BWT7

Gene ID:

29775

Database links:

[Entrez Gene: 29775](#) Human

[Entrez Gene: 105844](#) Mouse

[Omim: 607209](#) Human

[SwissProt: Q9BWT7](#) Human

[SwissProt: P58660](#) Mouse

[Unigene: 57973](#) Human

[Unigene: 17629](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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