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## Datasheet for ABIN872371

## anti-CARD14 antibody (AA 1-100)

### Overview

Quantity:	100 μL
Target:	CARD14
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD14 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CARD14
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

#### **Target Details**

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#### **Target Details**

Alternative Name:	CARD14 (CARD14 Products)
Background:	Synonyms: Bcl10 interacting MAGUK protein 2, Bimp 2, Bimp2, CARD 14, CARD containing
	MAGUK 2 protein, CARD containing MAGUK protein 2, Card maguk protein 2, Carma 2, Carma 2
	Caspase recruitment domain containing protein 14, Caspase recruitment domain family
	member 14, Caspase recruitment domain protein 14, CAR14_HUMAN.
	Background: The protein encoded by this gene belongs to the membrane-associated guanylate
	kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the
	assembly of multiprotein complexes at specialized regions of the plasma membrane. This
	protein is also a member of the CARD protein family, which is defined by carrying a
	characteristic caspase-associated recruitment domain (CARD). This protein shares a similar
	domain structure with CARD11 protein. The CARD domains of both proteins have been shown
	to specifically interact with BCL10, a protein known to function as a positive regulator of cell
	apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB
	and induced the phosphorylation of BCL10. Two alternatively spliced variants of this gene
	encoding distinct isoforms have been reported.
Gene ID:	79092
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

#### Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months