

CARD14 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51033**Specification**

CARD14 Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	Q9BXL6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113 KDa

CARD14 Antibody - Additional Information**Gene ID** 79092**Other Names**

Caspase recruitment domain-containing protein 14, CARD-containing MAGUK protein 2, Carma 2, CARD14, CARMA2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CARD14. The exact sequence is proprietary.

Dilution

WB~~1:1000

ICC~~N/A

IHC-P~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CARD14 Antibody - Protein Information**Name** CARD14**Synonyms** CARMA2**Function**

Acts as a scaffolding protein that can activate the inflammatory transcription factor NF-kappa-B and p38/JNK MAP kinase signaling pathways. Forms a signaling complex with BCL10 and MALT1, and activates MALT1 proteolytic activity and inflammatory gene expression. MALT1 is indispensable for CARD14-induced activation of NF-kappa-B and p38/JNK MAP kinases (PubMed:<a

[11278692](http://www.uniprot.org/citations/11278692), PubMed:<[21302310](http://www.uniprot.org/citations/21302310)>, PubMed:<[27071417](http://www.uniprot.org/citations/27071417)>, PubMed:<[27113748](http://www.uniprot.org/citations/27113748)>). May play a role in signaling mediated by TRAF2, TRAF3 and TRAF6 and protects cells against apoptosis.

Cellular Location

[Isoform 1]: Cytoplasm [Isoform 3]: Cytoplasm

Tissue Location

Isoform 1 is detected in placenta and epidermal keratinocytes (PubMed:22521418). Isoform 2 is detected in leukocytes and fetal brain (PubMed:22521418).

CARD14 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CARD14 Antibody - Images**CARD14 Antibody - Background**

Plays a role in signaling mediated by TRAF2, TRAF3 and TRAF6 and protects cells against apoptosis. Activates NF-kappa-B via BCL10 and IKK. Stimulates the phosphorylation of BCL10.

CARD14 Antibody - References

Bertin J.,et al.J. Biol. Chem. 276:11877-11882(2001).
Gaide O.,et al.FEBS Lett. 496:121-127(2001).
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Scudiero I.,et al.J. Cell. Physiol. 226:3121-3131(2011).
Zody M.C.,et al.Nature 440:1045-1049(2006).