

Anti-CARD 14 antibody



Description Rabbit polyclonal to CARD 14.

Model STJ92001

Host Rabbit

Reactivity Human, Mouse

Applications ELISA, IF, IHC

Immunogen Synthesized peptide derived from human CARD 14

Immunogen Region 260-340 aa, Internal

Gene ID <u>79092</u>

Gene Symbol CARD14

Dilution range IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000

Specificity CARD 14 Polyclonal Antibody detects endogenous levels of CARD 14

protein.

Tissue Specificity Isoform 1 is detected in placenta and epidermal keratinocytes . Isoform 2 is

detected in leukocytes and fetal brain.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Caspase recruitment domain-containing protein 14 CARD-containing

MAGUK protein 2 Carma 2

Molecular Weight 110 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:16446OMIM:173200

Alternative Names Caspase recruitment domain-containing protein 14 CARD-containing

MAGUK protein 2 Carma 2

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 . May play a role in signaling mediated by TRAF2, TRAF3 and TRAF6 and protects cells against apoptosis. Isoform 3: Not able to activate the inflammatory transcription factor NF-kappa-B and may fuction as a

dominant negative regulator.

Sequence and Domain Family A linker region between the coiled-coil and PDZ region holds the protein in an

inactive state.

Cellular Localization Isoform 1: Cytoplasm Isoform 2: Cytoplasm Isoform 3: Cytoplasm

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