

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	79092
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:16446 OMIM: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 function 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