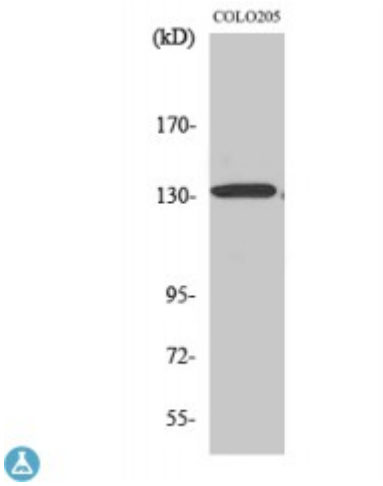
Anti-CARD 11 antibody



Description	Rabbit polyclonal to CARD 11.

Model	STJ92000
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human CARD 11
Immunogen Region	10-90 aa, N-terminal
Gene ID	84433
Gene Symbol	CARD11
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	CARD 11 Polyclonal Antibody detects endogenous levels of CARD 11 protein.
Tissue Specificity	Detected in adult peripheral blood leukocytes, thymus, spleen and liver. Also found in promyelocytic leukemia HL-60 cells, chronic myelogenous leukemia K-562 cells, Burkitt's lymphoma Raji cells and colorectal adenocarcinoma SW480 cells. Not detected in HeLaS3, MOLT-4, A-549 and G431 cells.
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 11 CARD-containing MAGUK protein 1 Carma 1

Molecular Weight	130 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:16393OMIM:607210
Alternative Names	Caspase recruitment domain-containing protein 11 CARD-containing MAGUK protein 1 Carma 1
Function	Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation. Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Activates NF-kappa-B via BCL10 and IKK. Stimulates the phosphorylation of BCL10.
Cellular Localization	Cytoplasm Membrane raft. Colocalized with DPP4 in membrane rafts.
Post-translational Modifications	Phosphorylation at Ser-559, Ser-644 and Ser-652 by PRKCB and PRKCQ leads to a shift from an inactive to an active form that activates the NF-kappa-B signaling.