

Product name:	CARD 14 Rabbit Polyclonal Antibody
Cat number:	ABN07925
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human CAR14. AA range:291-340
Reactivity:	Human,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
Molecular Weight:	110kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene encodes a caspase recruitment domain-containing protein that is a member of the membrane-associated guanylate kinase (MAGUK) family of proteins. Members of this protein family are scaffold proteins that are involved in a diverse array of cellular processes including cellular adhesion, signal transduction and cell polarity control. This protein has been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012],caution:Supposed to contain a SH3 domain which is not detected by PROSITE, Pfam or SMART.,function:Activates NF-kappa-B via BCL10 and IKK. Stimulates the phosphorylation of BCL10.,similarity:Contains 1 CARD domain.,similarity:Contains 1 guanylate kinase-like domain.,similarity:Contains 1 PDZ (DHR) domain.,subunit:CARD14 and BCL10 bind to each other by CARD-CARD interaction.,tissue specificity:Expressed in placenta. Also detected in HeLa S3 cells, but not in the other cancer cell lines tested.,