



Anti-CARD11 (aa 481-580) polyclonal antibody (DPAB-DC3478)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10.
Immunogen	CARD11 (NP_115791, 481 a.a. ~ 580 a.a) partial recombinant protein with GST tag. The sequence is KYFLPYHPPQRRMNLKGIQLQRAKSPISLKRTSDFQAKGHEEEGTDASPSSCGSLPITNS FTKMQPPRSRSSIMSITAEPGNDIVRRYKEDAPHRSTV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CARD11 caspase recruitment domain family, member 11 [Homo sapiens (human)]
Official Symbol	CARD11
Synonyms	CARD11; caspase recruitment domain family, member 11; PPBL; BENTA; BIMP3; IMD11; CARMA1; caspase recruitment domain-containing protein 11; carma 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3;
Entrez Gene ID	84433
Protein Refseq	NP_115791
UniProt ID	A0A024R854
Chromosome Location	7p22
Pathway	Activation of NF-kappaB in B cells; B Cell Receptor Signaling Pathway; BCR signaling pathway; Downstream signaling events of B Cell Receptor (BCR).
Function	CARD domain binding; guanylate kinase activity; protein binding;