Datasheet for ABIN6137939

anti-CARD11 antibody (AA 985-1154)

2 Images

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Overview

Quantity:	100 µL
Target:	CARD11
Binding Specificity:	AA 985-1154
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 985-1154 of human CARD11 (NP_115791.3).
Sequence:	AKTLVQRLLN SGGAMEFTIC KSDIVTRDEF LRRQKTETII YSREKNPNAF ECIAPANIEA VAAKNKHCLL EAGIGCTRDL IKSNIYPIVL FIRVCEKNIK RFRKLLPRPE TEEEFLRVCR LKEKELEALP CLYATVEPDM WGSVEELLRV VKDKIGEEQR KTIWVDEDQL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

Target:	CARD11
Alternative Name:	CARD11 (CARD11 Products)
Background:	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.,CARD11,BENTA,BIMP3,CARMA1,IMD11,PPBL,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Caspases,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,CARD11
Molecular Weight:	133 kDa
Gene ID:	84433
UniProt:	Q9BXL7
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, BCR Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

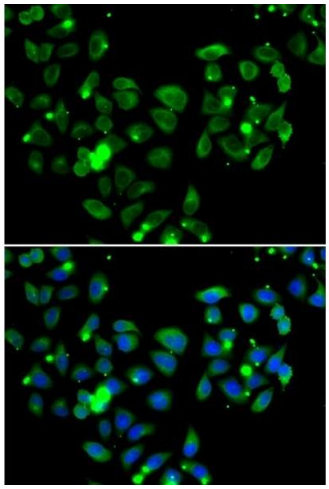
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

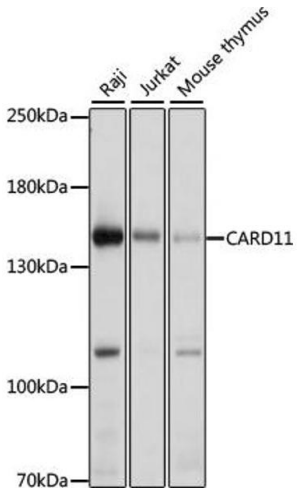
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of cells using C antibody (ABIN6127550, ABIN6137939, ABIN6137940 and ABIN6222956). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using C antibody (ABIN6127550, ABIN6137939, ABIN6137940 and ABIN6222956) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.