ARG63303
anti-CARD11 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CARD11
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CARD11
Species	Human
Immunogen	C-QRKTIWVDEDQL
Conjugation	Un-conjugated
Alternate Names	BIMP3; BENTA; PPBL; Caspase recruitment domain-containing protein 11; Carma 1; CARD-containing MAGUK protein 1; IMD11; CARMA1

Application Instructions

Application table

Application	Dilution
IHC-P	2 - 5 µg/ml
WB	1 - 3 µg/ml

Application Note

IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

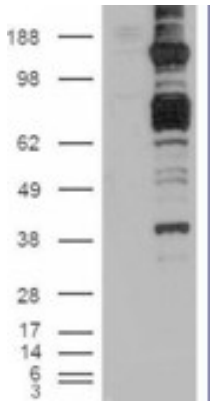
Bioinformation

Database links	GeneID: 84433 Human Swiss-port # Q9BXL7 Human
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. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	133 kDa
PTM	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.

Images

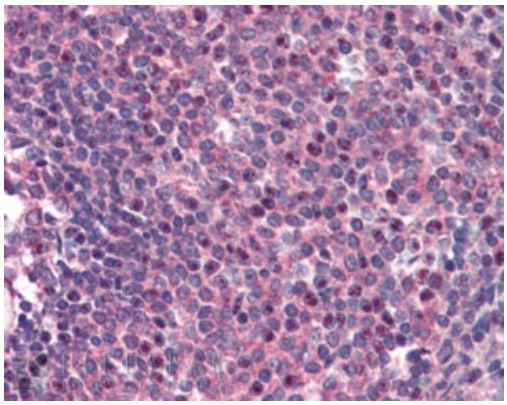
ARG63303 anti-CARD11 antibody WB image

Western Blot: human Jurkat cells (RIPA buffer, 35 µg total protein per lane) stained with ARG63303 anti-CARD11 antibody at 1 µg/ml dilution.



ARG63303 anti-CARD11 antibody WB image

Western Blot: 1). Mock transfection; 2) CARD11 (RC222740) expressing plasmid transfected HEK293 cell lysate standed with ARG63303 anti-CARD11 antibody



ARG63303 anti-CARD11 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63303 anti-CARD11 antibody at 2 µg/ml dilution followed by AP-staining.