# 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

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| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| 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

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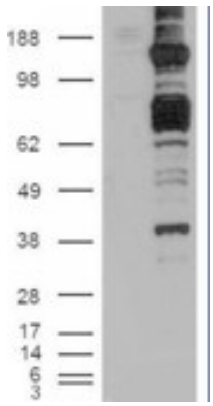
|---|---|
| Database links | GeneID: 84433 Human<br><br>Swiss-port # Q9BXL7 Human |
| Background | The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes 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

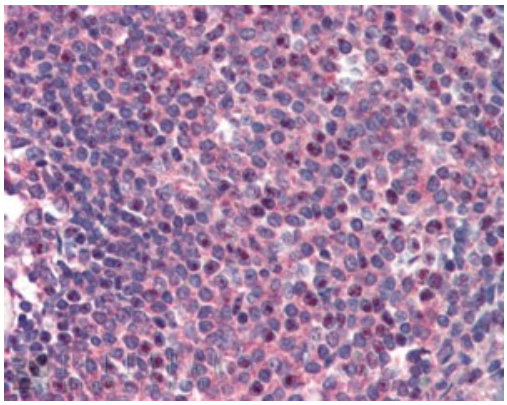

ARG63303 anti-CARD11 antibody WB image

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.