

Rabbit anti-Human, Mouse CARD10 Polyclonal Antibody | anti-CARD10 antibody

CARD10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40413	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CARD10; Polyclonal Antibody; CARD10 Antibody; BIMP1; CARMA3; Caspase recruitment domain-containing protein 10; CARD-containing MAGUK protein 3; Carma 3; caspase recruitment domain family; member 10; anti-CARD10 antibody

PRODUCT SPECIFICATIONS

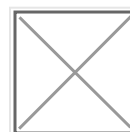
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CARD10 Antibody is immunoaffinity purified.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1032
Applicable Applications for anti-CARD10 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CARD10 antibody was raised against a synthetic peptide corresponding to 14 amino acids at the C-terminus of human CARD10.
Buffer	CARD10 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CARD10 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



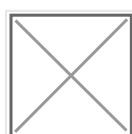
IF (Immunofluorescence)

Immunofluorescence of CARD10 in EL4 cells with CARD10 antibody at 20 &#956;g/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of CARD10 in EL4 cells with CARD10 antibody at 10 &#956;g/mL.



WB (Western Blot)

Western blot analysis of CARD10 in A-20 cell lysate with CARD10 antibody at 5 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CARD10 antibody	CARD10 Antibody: Apoptosis is related to many diseases and development. Cell death signals are transduced by death domain (DD), death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. CARD containing proteins include some caspases, Apaf-1, CARD4, IAPs, RICK, ARC, RAIDD, Bcl-10, and ASC. A novel CARD-containing protein was recently identified and designated CARD10. This protein belongs to the membrane-associated guanylate kinase-like (MAGUK) family of proteins that can function as molecular scaffolds that assist assembly of signal transduction molecules. CARD 10 interacts with Bcl-10, a Bcl protein that promotes apoptosis, caspase-9 maturation and activation of NF-?B. CARD 10 and the related protein CARMA1 also associate with NEMO, the regulatory subunit of the I?K complex, demonstrating its importance in the regulation of NF-?B transcription factor activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13488607
NCBI GeneID	29775
UniProt Accession #	Q9BWT7; Q14CQ8; Q5TFG6; Q8NC81; Q9UGR5; Q9UGR6; Q9Y3H0
Molecular Weight	82,541 Da
NCBI Official Full Name	caspase recruitment domain protein 10
NCBI Official Synonym Full Names	caspase recruitment domain family, member 10
NCBI Official Symbol	CARD10
NCBI Official Synonym Symbols	BIMP1; CARMA3
NCBI Protein Information	caspase recruitment domain-containing protein 10; carma 3; CARD-containing MAGUK 3 protein; CARD-containing MAGUK protein 3; Bcl10 binding protein and activator of NFKB
UniProt Protein Name	Caspase recruitment domain-containing protein 10
UniProt Gene Name	CARD10
UniProt Synonym Gene Names	CARMA3; Carma 3
UniProt Entry Name	CAR10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.