

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

CARD10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327565	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CARD10; Polyclonal Antibody; CARD10 Antibody; Bcl10 binding protein and activator of NFkB; BIMPI1; CAR10_HUMAN; CARD 10; CARD containing MAGUK 3 protein; CARD-containing MAGUK 3; CARD-containing MAGUK protein 3; Carma 3; CARMA3; Caspase Recruitment Domain family member 10; Caspase recruitment domain-containing protein 10; anti-CARD10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CARD10 antibody detects endogenous levels of total CARD10
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1032
Applicable Applications for anti-CARD10 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CARD10
Subcellular Location	Cytoplasm.
Tissue Specificity	Detected in adult heart, kidney and liver; lower levels in intestine, placenta, muscle and lung. Also found in fetal lung, liver and kidney.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327565 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of CARD10 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CARD10 antibody	Function: Activates NF-kappa-B via BCL10 and IKK. Subunit Structure: CARD10 and BCL10 bind to each other by CARD-CARD interaction. They both participate in a complex with MALT1, where MALT1 binds to BCL10 (By similarity).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	51093861
NCBI GeneID	29775
NCBI Accession #	NP_055365.2
NCBI GenBank Nucleotide #	NM_014550.3
UniProt Accession #	Q9BWT7; Q14CQ8; Q5TFG6; Q8NC81; Q9UGR5; Q9UGR6; Q9Y3H0
Molecular Weight	Observed: 115 kDa Predicted: 116 kDa
NCBI Official Full Name	caspase recruitment domain-containing 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
UniProt Protein Name	Caspase recruitment domain-containing protein 10
UniProt Gene Name	CARD10
UniProt Synonym Gene Names	CARMA3; Carma 3

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.