Rabbit CARD14 Polyclonal Antibody | anti-CARD14 antibody

Anti-CARD14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260056	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CARD14; Polyclonal Antibody; Anti-CARD14 Antibody; CARMA2; Caspase recruitment domain-containing protein 14; CARD-containing MAGUK protein 2; Carma 2; anti-CARD14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CARD14 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	434
Applicable Applications for anti-CARD14 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CARD14. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of CARD14 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of CARD14 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of CARD14 expression in HeLa (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CARD14 antibody	Rabbit polyclonal antibody to CARD14

NCBI AND UNIPROT INFORMATION

NCBI GI #	384229040
NCBI GeneID	79092
NCBI Accession #	NP_001244899.1
NCBI GenBank Nucleotide #	NM_001257970.1
UniProt Accession #	Q9BXL6; Q9BVB5; B8QQJ3
Molecular Weight	48,505 Da
NCBI Official Full Name	caspase recruitment domain-containing protein 14 isoform 3
NCBI Official Synonym Full Names	caspase recruitment domain family, member 14
NCBI Official Symbol	CARD14
NCBI Official Synonym Symbols	PRP; PSS1; BIMP2; CARMA2; PSORS2
NCBI Protein Information	caspase recruitment domain-containing protein 14
UniProt Protein Name	Caspase recruitment domain-containing protein 14
UniProt Gene Name	**CARD14**
UniProt Synonym Gene Names	CARMA2; Carma 2
UniProt Entry Name	CAR14_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.

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