Datasheet for ABIN303199

anti-CARD9 antibody (AA 521-536)

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Overview

Quantity:	50 µg
Target:	CARD9
Binding Specificity:	AA 521-536
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated corresponding to Amino Acids 521-536 of Human CARD9. The sequence is different from that of Rat origin by two Amino Acids.
Sequence:	DRENTTGSDN TDTEGS
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	CARD9
Alternative Name:	CARD9 (CARD9 Products)

Target Details

Background:	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 CARD9, which interacts with the CARD activation domain of BCL-10. CARD9 associates with BCL-10 and forms a complex within cells. CARD9 induces apoptosis and activates NF-kB. CARD9 is an upstream activator of BCL-10 and NF-kB signaling.Synonyms: Caspase recruitment domain-containing protein 9
Gene ID:	64170
NCBI Accession:	NP_434700
UniProt:	Q9H257
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Western Blot (0.5-1 µg/mL). Immunocytochemistry. Immunohistochemistry on Paraffin Sections (10 µg/mL). This antibody was validated for use in immunohistochemistry on a panel of 21formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigenretrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides wereincubated with biotinylated secondary antibody LS-D1, followed by alkalinephosphatase-streptavidin and chromogen. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. Species Reactivity: Tested: Human.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C to -70 °C for longer. Dilute only prior to immediate use.

Images

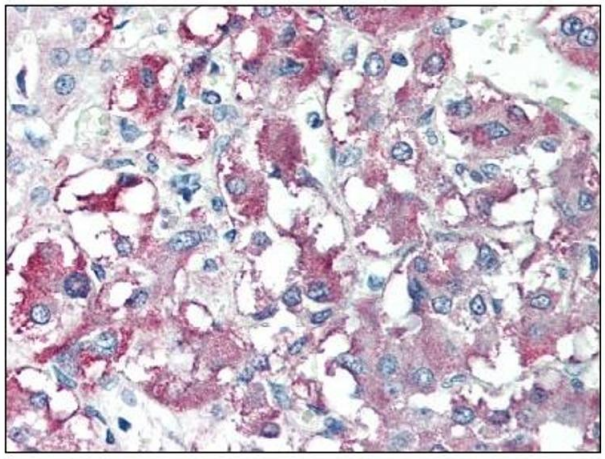

Image 1.