

Rabbit anti-Human, Mouse CARD8 Polyclonal Antibody | anti-CARD8 antibody

CARD8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325882	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CARD8; Polyclonal Antibody; CARD8 Antibody; Apoptotic protein NDPP 1; Apoptotic protein NDPP1; CARD 8; CARD inhibitor of NF kappa B activating ligand; CARD inhibitor of NF kappaB activating ligand; CARD inhibitor of NF kappaB activating ligands; CARD-inhibitor of NF-kappa-B-activating ligand; CARD8_HUMAN; CARDINAL; Caspase recruitment domain containing protein 8; Caspase recruitment domain family member 8; Caspase recruitment domain protein 8; Caspase recruitment domain-containing protein 8; DACAR; Dakar; DKFZp779L0366; FLJ18119; FLJ18121; KIAA0955; MGC57162; NDPP 1; NDPP; NDPP1; TUCAN; Tumor up regulated CARD containing antagonist of CASP9; Tumor up regulated CARD containing antagonist of caspase 9; Tumor up-regulated CARD-containing antagonist of CASP9; tumor up-regulated CARD-containing antagonist of caspase nine; Tumor upregulated CARD containing antagonist of CASP9; anti-CARD8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CARD8 antibody detects endogenous levels of total CARD8
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	537
Applicable Applications for anti-CARD8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CARD8
Subcellular Location	Cytoplasm. Nucleus.
Tissue Specificity	High expression in lung, ovary, testis and placenta. Lower expression in heart, kidney and liver. Also expressed in spleen, lymph node and bone marrow.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA325882 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of K562 whole cell lysates, using CARD8 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CARD8 antibody

Description: The protein encoded by this gene belongs to the caspase recruitment domain (CARD)-containing family of proteins, which are involved in pathways leading to activation of caspases or nuclear factor kappa-B (NFkB). This protein may be a component of the inflammasome, a protein complex that plays a role in the activation of proinflammatory caspases. It is thought that this protein acts as an adaptor molecule that negatively regulates NFkB activation, CASP1-dependent IL1B secretion, and apoptosis. Polymorphisms in this gene may be associated with a susceptibility to rheumatoid arthritis. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined. [provided by RefSeq]
Function: Inhibits NF-kappa-B activation. May participate in a regulatory mechanism that coordinates cellular responses controlled by NF-kappa-B transcription factor. May be a component of the inflammasome, a protein complex which also includes PYCARD, NALP2 and CASP1 and whose function would be the activation of proinflammatory caspases.
Subunit Structure: May form homodimers. Interacts with NEMO and DRAL. Binds to caspase-1, CARD16/pseudo-ICE and CARD18/ICEBERG. Interacts with FNBP3 (By similarity). Interacts with NALP2 NACHT domain.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296531357
NCBI GeneID	22900
NCBI Accession #	NP_001171829.1
NCBI GenBank Nucleotide #	NM_001184900.2
UniProt Accession #	Q9Y2G2; Q6PGP8; Q96P82; B5KVR6; B7Z496; B7Z4A2; E9PEM7; G3XAM9
Molecular Weight	Observed: 49 kDa Predicted: 49 kDa
NCBI Official Full Name	caspase recruitment domain-containing protein 8 isoform a
NCBI Official Synonym Full Names	caspase recruitment domain family member 8
NCBI Official Symbol	CARD8
NCBI Official Synonym Symbols	NDPP; DACAR; DAKAR; NDPP1; TUCAN; CARDINAL
NCBI Protein Information	caspase recruitment domain-containing protein 8
UniProt Protein Name	Caspase recruitment domain-containing protein 8
UniProt Gene Name	CARD8
UniProt Synonym Gene Names	KIAA0955; NDPP1; CARDINAL; TUCAN

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.