CARD8 rabbit monoclonal antibody

Catalog # H00022900-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CARD8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CARD8 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CARD8 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CARD8

Entrez GeneID	22900
GeneBank Accession#	CARD8
Gene Name	CARD8
Gene Alias	CARDINAL, DACAR, DKFZp779L0366, Dakar, FLJ18119, FLJ18121, KIAA0955, MGC57162, NDPP, NDPP1, TUCAN
Gene Description	caspase recruitment domain family, member 8
Omim ID	609051
Gene Ontology	Hyperlink
Gene Summary	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 fact or kappa-B (NFKB). This protein may be a component of the inflammasome, a protein complex th at 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 secretio n, and apoptosis. Polymorphisms in this gene may be associated with a susceptibility to rheumat oid arthritis. Alternatively spliced transcript variants have been described for this gene, but their bi ological validity has not been determined. [provided by RefSeq
Other Designations	CARD inhibitor of NF-kappaB-activating ligands|CARD8 isoform T47|CARD8 isoform T51|CAR D8 isoform T60|apoptotic protein NDPP1|tumor up-regulated CARD-containing antagonist of cas pase nine

Disease

- Adenocarcinoma
- Alzheimer disease
- Arthritis
- Bacterial Infections
- Colitis
- Colorectal Neoplasms
- Crohn Disease

- Disease Progression
- Encephalitis
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Inflammatory Bowel Diseases
- Tobacco Use Disorder