

CARD10 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14373c**Specification**

CARD10 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9BWT7](#)

CARD10 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 29775

Other Names

Caspase recruitment domain-containing protein 10, CARD-containing MAGUK protein 3, Carma 3, CARD10, CARMA3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CARD10 Antibody (Center) Blocking Peptide - Protein Information

Name CARD10

Synonyms CARMA3

Function

Scaffold protein that plays an important role in mediating the activation of NF-kappa-B via BCL10 or EGFR.

Cellular Location

Cytoplasm.

Tissue Location

Detected in adult heart, kidney and liver; lower levels in intestine, placenta, muscle and lung. Also found in fetal lung, liver and kidney

CARD10 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CARD10 Antibody (Center) Blocking Peptide - Images

CARD10 Antibody (Center) Blocking Peptide - Background

The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).

CARD10 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Rehman, A.O., et al. Int J Oral Sci 1(3):105-118(2009) Martin, D., et al. J. Biol. Chem. 284(10):6038-6042(2009)