

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CARD6 (A2) Peptide

Cat No.: BS1038P

Background

Membrane-associated guanylate kinase (MAGUK) family members localize to the plasma membrane and function as molecular scaffolds for the assembly of multi-protein complexes. The MAGUK family includes several mammalian proteins related to the *Drosophila* tumor suppressor discs-large (*dlg*) gene product, such as postsynaptic proteins, GKAPs, the tight junction associated proteins (ZO-1-3) and the caspase-associated recruitment domain (CARD) proteins, CARD 6, CARD 8-12 and CARD 14. CARD 6 is a 311 amino acid protein that associates with microtubules and acts as a selective mediator of NF κ B activation. CARD 6 is structurally and functionally related to the superfamily of interferon (IFN)-inducible GTPases, a group that comprises host defense proteins which mediate cell-autonomous immunity. RICK, the receptorinteracting protein (RIP)-like interacting caspase-like apoptosis regulatory protein kinase, interacts with CARD 6 and targets it to aggregates, regions of the cell where protein aggregates collect.

Swiss-Prot

Q9BX69

Applications

Blocking

Specificity

This peptide can be used with studies using BS1038 CARD6 (A2) pAb.

Purification & Purity

Synthetic peptide CARD6 (A2). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.