

CDC42SE2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16223a**Specification**

CDC42SE2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NRR3](#)**CDC42SE2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 56990**Other Names**

CDC42 small effector protein 2, Small effector of CDC42 protein 2, CDC42SE2, SPEC2

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.

CDC42SE2 Antibody (N-term) Blocking Peptide - Protein Information**Name** CDC42SE2**Synonyms** SPEC2**Function**

Probably involved in the organization of the actin cytoskeleton by acting downstream of CDC42, inducing actin filament assembly. Alters CDC42-induced cell shape changes. In activated T- cells, may play a role in CDC42-mediated F-actin accumulation at the immunological synapse. May play a role in early contractile events in phagocytosis in macrophages.

Cellular LocationCytoplasm, cytoskeleton. Cell membrane; Lipid- anchor. Cell projection, phagocytic cup.
Note=Recruited to the activated TCR prior actin polymerization. Localizes at the phagocytic cup of macrophages**Tissue Location**

Widely expressed. Expressed at higher level in T- lymphocytes. Highly expressed in CCRF-CEM T-lymphocytes, Jurkat T- lymphocytes, and Raji B-lymphocytes compared (at protein level)

CDC42SE2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CDC42SE2 Antibody (N-term) Blocking Peptide - Images

CDC42SE2 Antibody (N-term) Blocking Peptide - Background

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CDC42SE2 Antibody (N-term) Blocking Peptide - References

Edwards, T.L., et al. Schizophr. Res. 106 (2-3), 208-217 (2008) :Chen, X., et al. Hum. Mol. Genet. 15(22):3329-3342(2006)Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)Ching, K.H., et al. J. Biol. Chem. 280(25):23660-23667(2005)Pirone, D.M., et al. J. Biol. Chem. 275(30):22650-22656(2000)