

STARD13 Blocking Peptide(Center)
Synthetic peptide
Catalog # BP19692c**Specification**

STARD13 Blocking Peptide(Center) - Product Information

Primary Accession [O9Y3M8](#)
Other Accession [NP_443083.1](#), [NP_821074.1](#), [NP_821075.1](#)

STARD13 Blocking Peptide(Center) - Additional Information

Gene ID 90627

Other Names

StAR-related lipid transfer protein 13, 46H232, Deleted in liver cancer 2 protein, DLC-2, Rho GTPase-activating protein, START domain-containing protein 13, StARD13, STARD13, DLC2, GT650

Target/Specificity

The synthetic peptide sequence is selected from aa 559-573 of HUMAN STARD13

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.

STARD13 Blocking Peptide(Center) - Protein Information

Name STARD13

Synonyms DLC2, GT650

Function

GTPase-activating protein for RhoA, and perhaps for Cdc42. May be involved in regulation of cytoskeletal reorganization, cell proliferation and cell motility. Acts a tumor suppressor in hepatocellular carcinoma cells.

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein; Cytoplasmic side. Mitochondrion membrane; Peripheral membrane protein; Cytoplasmic side. Lipid droplet

Tissue Location

Ubiquitously expressed. Underexpressed in hepatocellular carcinoma cells and some breast cancer cell lines

STARD13 Blocking Peptide(Center) - Protocols

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

- [Blocking Peptides](#)

STARD13 Blocking Peptide(Center) - Images

STARD13 Blocking Peptide(Center) - Background

This gene encodes a protein that contains a sterile alpha motif domain in the N-terminus, an ATP/GTP-binding motif, a GTPase-activating protein domain, and a STAR-related lipid transfer domain in the C-terminus. The gene is located in a region of chromosome 13 that has loss of heterozygosity in hepatic cancer. At least three alternatively spliced transcript variants have been described for this gene.

STARD13 Blocking Peptide(Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Yasuno, K., et al. Nat. Genet. 42(5):420-425(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Xiaorong, L., et al. BMC Cancer 8, 205 (2008) :