

MCF2L Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18793b**Specification****MCF2L Antibody (C-term) Blocking Peptide -
Product Information**Primary Accession [O15068](#)**MCF2L Antibody (C-term) Blocking Peptide -
Additional Information****Gene ID** 23263**Other Names**Guanine nucleotide exchange factor DBS,
DBL's big sister, MCF2-transforming
sequence-like protein, MCF2L, KIAA0362**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.**MCF2L Antibody (C-term) Blocking Peptide -
Protein Information****Name** MCF2L**Synonyms** KIAA0362, OST
{ECO:0000303|PubMed:151576}**Function**Guanine nucleotide exchange factor that
catalyzes guanine nucleotide exchange on
RHOA and CDC42, and thereby contributes
to the regulation of RHOA and CDC42
signaling pathways (By similarity). Seems to
lack activity with RAC1. Becomes activated**MCF2L Antibody (C-term) Blocking Peptide
- Background**Guanine nucleotide exchange factor that
potentially links pathways that signal through
RAC1, RHOA and CDC42. Catalyzes guanine
nucleotide exchange on RHOA and CDC42 and
interacts specifically with the GTP-bound form
of RAC1, suggesting that it functions as an
effector of RAC1. May also participate in axonal
transport in the brain. Becomes activated and
highly tumorigenic by truncation of the
N-terminus (By similarity). Isoform 5 activates
CDC42.**MCF2L Antibody (C-term) Blocking Peptide
- References**Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253
(2010) :Takefuji, M., et al. J. Hum. Genet.
55(1):42-49(2010)Ieguchi, K., et al. J. Biol.
Chem. 282(32):23296-23305(2007)Yang, Q., et
al. BMC Med. Genet. 8 SUPPL 1, S12 (2007)
:Kostenko, E.V., et al. J. Biol. Chem.
280(4):2807-2817(2005)

and highly tumorigenic by truncation of the N-terminus (By similarity). Isoform 5 activates CDC42 (PubMed:15157669).

Cellular Location

[Isoform 5]: Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side
Cytoplasm {ECO:0000250|UniProtKB:Q64096}. Cell membrane {ECO:0000250|UniProtKB:Q64096}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q64096}; Cytoplasmic side {ECO:0000250|UniProtKB:Q64096}

MCF2L Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)