

SGEF Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13325c**Specification****SGEF Antibody (Center) Blocking peptide -
Product Information**Primary Accession [Q96DR7](#)**SGEF Antibody (Center) Blocking peptide -
Additional Information**

Gene ID 26084

Other NamesRho guanine nucleotide exchange factor 26,
SH3 domain-containing guanine exchange
factor, ARHGEF26, SGEF**Target/Specificity**The synthetic peptide sequence used to
generate the antibody AP13325c was
selected from the Center region of SGEF. A
10 to 100 fold molar excess to antibody is
recommended. Precise conditions should be
optimized for a particular assay.**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.**SGEF Antibody (Center) Blocking peptide -
Protein Information**

Name ARHGEF26

Synonyms SGEF

**SGEF Antibody (Center) Blocking peptide -
Background**SGEF activates RhoG GTPase by promoting
the exchange of GDP by GTP. Required for the
formation of membrane ruffles during
macropinocytosis. Required for the formation
of cup-like structures during trans-endothelial
migration of leukocytes. In case of Salmonella
enterica infection, activated by SopB, which
induces cytoskeleton rearrangements and
promotes bacterial entry.**SGEF Antibody (Center) Blocking peptide -
References**Yamada, S., et al. Oncogene
23(35):5901-5911(2004)Ellerbroek, S.M., et al.
Mol. Biol. Cell 15(7):3309-3319(2004)Qi, H., et
al. Endocrinology 144(5):1742-1752(2003)

Function

Activates RhoG GTPase by promoting the exchange of GDP by GTP. Required for the formation of membrane ruffles during macropinocytosis. Required for the formation of cup-like structures during trans-endothelial migration of leukocytes. In case of Salmonella enterica infection, activated by SopB, which induces cytoskeleton rearrangements and promotes bacterial entry.

Cellular Location

Cell projection, ruffle

Tissue Location

Isoform 1 is broadly expressed, with highest levels in liver (at protein level). Certain mRNA species appear to be specifically expressed in prostate and liver

SGEF Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)