

SGK269 Antibody (N-term) Blocking Peptide

Synthetic peptide

Catalog # BP18239a

Specification**SGK269 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9H792](#)**SGK269 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 79834

Other Names

Pseudopodium-enriched atypical kinase 1, Sugen kinase 269, Tyrosine-protein kinase SgK269, PEAK1, KIAA2002

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.

SGK269 Antibody (N-term) Blocking Peptide - Protein Information

Name PEAK1

Synonyms KIAA2002

FunctionProbable catalytically inactive kinase. Scaffolding protein that regulates the cytoskeleton to control cell spreading and migration by modulating focal adhesion dynamics (PubMed: <http://www.uniprot.org/citations/23105102> target="_blank">23105102),**SGK269 Antibody (N-term) Blocking Peptide - Background**

The function of this protein remains unknown.

SGK269 Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Zody, M.C., et al. Nature 440(7084):671-675(2006)Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

PubMed:20534451). Acts as a scaffold for mediating EGFR signaling (PubMed:23846654).

Cellular Location

Cytoplasm, cytoskeleton. Cell junction, focal adhesion. Note=Colocalizes with F-actin in serum- rich medium (PubMed:20534451). Actin colocalization is reduced during serum starvation (PubMed:20534451).

SGK269 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)