

SGK269 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18239a**Specification**

SGK269 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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**Function**

Probable catalytically inactive kinase. Scaffolding protein that regulates the cytoskeleton to control cell spreading and migration by modulating focal adhesion dynamics (PubMed:23105102, PubMed:20534451, PubMed:35687021). 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](#)

SGK269 Antibody (N-term) Blocking Peptide - Images**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)