

**SGK269 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18239a**

**Specification**

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**SGK269 Antibody (N-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">Q9H792</a>      |
| Other Accession   | <a href="#">NP_079052.2</a> |
| Reactivity        | Human, Mouse                |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Calculated MW     | 193106                      |
| Antigen Region    | 673-699                     |

**SGK269 Antibody (N-term) - Additional Information**

**Gene ID** 79834

**Other Names**

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

**Target/Specificity**

This SGK269 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 673-699 amino acids from the N-terminal region of human SGK269.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SGK269 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SGK269 Antibody (N-term) - 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

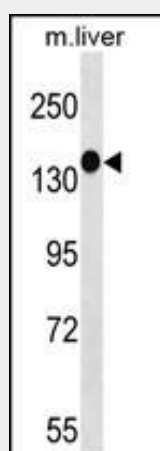
Cytoplasm, cytoskeleton. Cell junction, focal adhesion Note=Colocalizes with F-actin in serum-rich medium (PubMed:20534451) Actin colocalization is reduced during serum starvation (PubMed:20534451).

### SGK269 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SGK269 Antibody (N-term) - Images



SGK269 Antibody (N-term) (Cat. #AP18239a) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the SGK269 antibody detected the SGK269 protein (arrow).

### SGK269 Antibody (N-term) - Background

The function of this protein remains unknown.

### SGK269 Antibody (N-term) - 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)