

Mouse Sgk269 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14877c**Specification**

Mouse Sgk269 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q69Z38
Other Accession	NP_766512.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1188-1216

Mouse Sgk269 Antibody (Center) - Additional Information**Gene ID** 244895**Other Names**

Pseudopodium-enriched atypical kinase 1, Sugen kinase 269, Tyrosine-protein kinase SgK269, Peak1, Kiaa2002, Sgk269

Target/Specificity

This Mouse Sgk269 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1188-1216 amino acids from the Central region of mouse Sgk269.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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

Mouse Sgk269 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Sgk269 Antibody (Center) - Protein Information**Name** Peak1**Synonyms** Kiaa2002, Sgk269

Function Probable catalytically inactive kinase. Scaffolding protein that regulates the cytoskeleton to control cell spreading and migration by modulating focal adhesion dynamics. Acts as a scaffold for mediating EGFR signaling.

Cellular Location

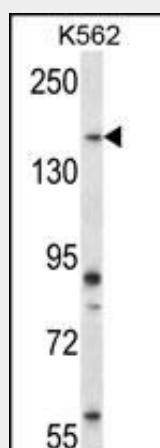
Cytoplasm, cytoskeleton. Cell junction, focal adhesion Note=Colocalizes with actin (PubMed:20534451)

Mouse Sgk269 Antibody (Center) - Protocols

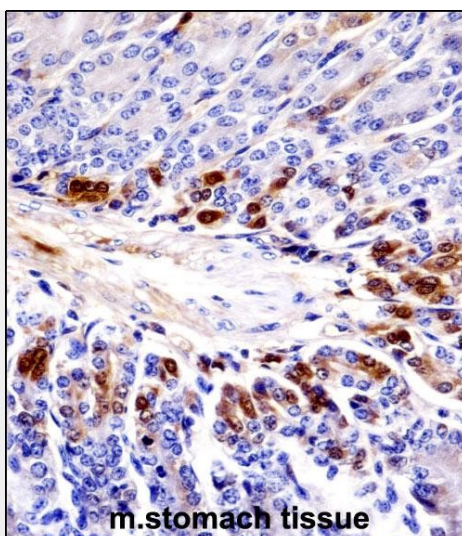
Provided below are standard protocols that you may find useful for product applications.

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

Mouse Sgk269 Antibody (Center) - Images



Mouse Sgk269 Antibody (Center) (Cat. #AP14877c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the Sgk269 antibody detected the Sgk269 protein (arrow).



Mouse Sgk269 Antibody (Center) (AP14877c) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Sgk269 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Mouse Sgk269 Antibody (Center) - Background

Functions: ATP binding, nucleotide binding, protein-tyrosine kinase activity and transferase activity.

Mouse Sgk269 Antibody (Center) - References

- Trinidad, J.C., et al. Mol. Cell Proteomics 5(5):914-922(2006)
Taniwaki, T., et al. Dev. Growth Differ. 47(3):163-172(2005)
Caenepeel, S., et al. Proc. Natl. Acad. Sci. U.S.A. 101(32):11707-11712(2004)
Okazaki, N., et al. DNA Res. 11(3):205-218(2004)
Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)