

Mouse Frk Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14842b**Specification**

Mouse Frk Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O922K9
Other Accession	O62662 , NP_034367.2 , NP_001153016.1
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	58844
Antigen Region	464-491

Mouse Frk Antibody (C-term) - Additional Information**Gene ID** 14302**Other Names**

Tyrosine-protein kinase FRK, Beta-cell Src-homology tyrosine kinase, BSK, FYN-related kinase, Intestine tyrosine kinase, Frk, Bsk, lyk

Target/Specificity

This Mouse Frk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 464-491 amino acids from the C-terminal region of mouse Frk.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

Mouse Frk Antibody (C-term) - Protein Information**Name** Frk

Synonyms Bsk, Iyk

Function Non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly found in the nucleus, with a small fraction found in the cell periphery.

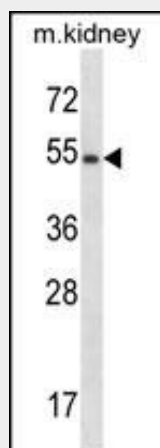
Tissue Location

Expressed in intestinal tract, fetal and adult islets of Langerhans, kidney, liver and lung

Mouse Frk Antibody (C-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](#)

Mouse Frk Antibody (C-term) - Images

Mouse Frk Antibody (C-term) (Cat. #AP14842b) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the Frk antibody detected the Frk protein (arrow).

Mouse Frk Antibody (C-term) - Background

Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).

Mouse Frk Antibody (C-term) - References

Akerblom, B., et al. Mol. Cell. Endocrinol. 270 (1-2), 73-78 (2007) :
Nishimura, M., et al. DNA Res. 11(5):315-323(2004)
Sharov, A.A., et al. PLoS Biol. 1 (3), E74 (2003) :
Cowen, M.S., et al. Alcohol. Clin. Exp. Res. 27(8):1213-1219(2003)
Serfas, M.S., et al. Oncol. Res. 13 (6-10), 409-419 (2003) :