

Mouse Frk Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21129a

Product Information

Application	WB, E
Primary Accession	Q922K9
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50409
Calculated MW	58844

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, Iyk
Target/Specificity	This Mouse Frk antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 476-509 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.

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

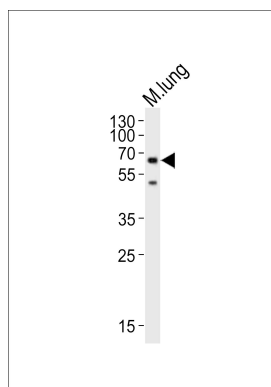
Background

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).

References

Thuveson M.,et al.Biochem. Biophys. Res. Commun. 209:582-589(1995).
Oberg-Welsh C.,et al.Gene 152:239-242(1995).
Carninci P.,et al.Science 309:1559-1563(2005).
Chandrasekharan S.,et al.Mol. Cell. Biol. 22:5235-5247(2002).
Welsh M.,et al.Biochem. J. 382:261-268(2004).

Images



Western blot analysis of lysate from mouse lung tissue lysate, using Frk Antibody (C-term)(Cat. #AP21129a). AP21129a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.