

Mouse Frk Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20886c

Product Information

Application	WB, E
Primary Accession	Q922K9
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50410
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 482-516 amino acids from the C-terminal region of human Mouse Frk.
Dilution	WB~~1:500-1:1000 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

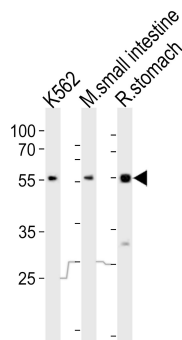
Background

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

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Images



Western blot analysis of lysates from K562 cell line, mouse small intestine, rat stomach tissue lysate(from left to right), using Frk Antibody (C-term)(Cat. #AP20886c). AP20886c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

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