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Mouse Frk Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20886c

Product Information

Application	WB, E
Primary Accession	Q922K9
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Rabbit
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

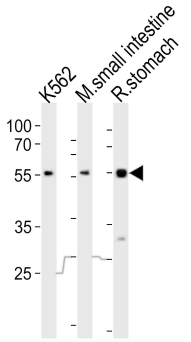
Background

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'.