

# Mouse Frk Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20886c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q922K9</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB50410
<b>Calculated MW</b>	58844

## Additional Information

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<b>Gene ID</b>	14302
<b>Other Names</b>	Tyrosine-protein kinase FRK, Beta-cell Src-homology tyrosine kinase, BSK, FYN-related kinase, Intestine tyrosine kinase, Frk, Bsk, Iyk
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:500-1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	Mouse Frk Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Frk
<b>Synonyms</b>	Bsk, Iyk
<b>Function</b>	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

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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).

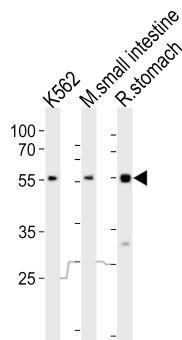
## References

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Carninci P.,et al.Science 309:1559-1563(2005).  
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## Images

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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'.