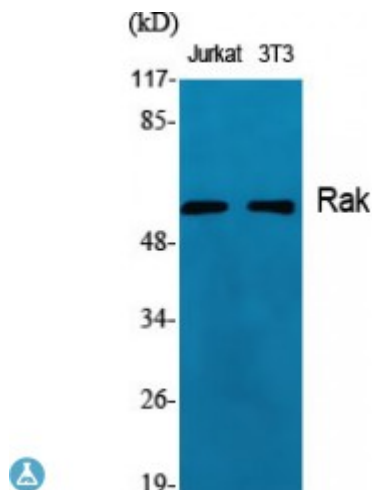


Anti-Rak antibody



Description	Rabbit polyclonal to Rak.
Model	STJ95361
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Rak
Immunogen Region	40-120 aa, Internal
Gene ID	2444
Gene Symbol	FRK
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Rak Polyclonal Antibody detects endogenous levels of Rak protein.
Tissue Specificity	Predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Tyrosine-protein kinase FRK FYN-related kinase Nuclear tyrosine protein kinase RAK Protein-tyrosine kinase 5
Molecular Weight	54 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3955OMIM:606573
Alternative Names	Tyrosine-protein kinase FRK FYN-related kinase Nuclear tyrosine protein kinase RAK Protein-tyrosine kinase 5
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.
Cellular Localization	Cytoplasm Nucleus. Predominantly found in the nucleus, with a small fraction found in the cell periphery.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com