



Rak Polyclonal Antibody

Catalog No	YP-Ab-14975
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	FRK
Immunogen	The antiserum was produced against synthesized peptide derived from human FRK. AA range:71-120
Specificity	Rak Polyclonal Antibody detects endogenous levels of Rak protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RAK;kuz;AD10;AD18;MADM;CD156c;CDw156;HsT18717;ADAM10;FRK; Tyrosine-protein kinase FRK;PTK5;FYN-related kinase;Nuclear tyrosine protein kinase RAK;Protein-tyrosine kinase 5
Observed Band	55kD
Calculated Molecular Weight	55kD
Cell Pathway	Cytoplasm . Nucleus . Predominantly found in the nucleus, with a small fraction found in the cell periphery.
Tissue Specificity	Predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,tissue specificity:Restricted to cells lines derived from tissues of lymphoid, brain, breast, colon and bladder origin.,

**Background**

The protein encoded by this gene belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth. [provided by RefSeq, Jul 2008],

matters needing attention

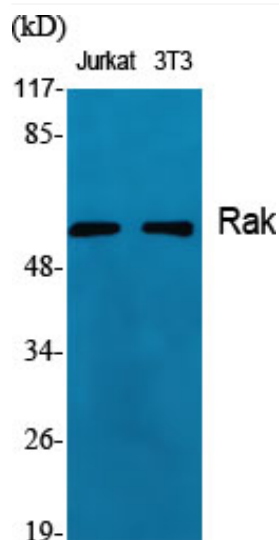
Avoid repeated freezing and thawing!

Usage suggestions

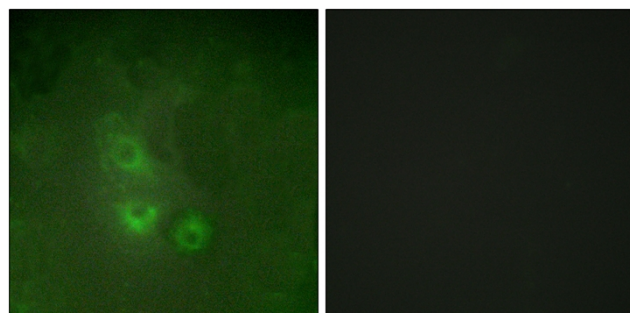
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



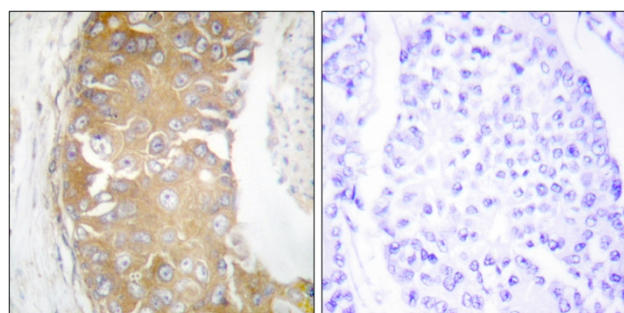
Products Images



Western Blot analysis of various cells using Rak Polyclonal Antibody



Immunofluorescence analysis of HUVEC cells, using FRK Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FRK Antibody. The picture on the right is blocked with the synthesized peptide.

Western blot analysis of lysates from Jurkat cells, using FRK Antibody. The lane on the right is blocked with the synthesized peptide.