

Nur für Forschungszwecke

# FRK Polyklonaler Antikörper

Katalog-Nr.:16197-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 16197-1-AP	<b>GenBank-Zugangsnummer:</b> BC012916	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 240 µg/ml von Nanodrop und 240 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 2444	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> fyn-related kinase	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 505 aa, 56 kDa	
<b>Immunogen Katalognummer:</b> AG10372	<b>Beobachtete Masse:</b> 54-57 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : HEK-293-Zellen, K-562-Zellen, NIH/3T3-Zellen IHC : humanes Urothelkarzinomgewebe, IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

The fyn-related kinase (FRK) belongs to the tyrosine kinase family of protein kinases and is also named as PTK5 (protein-tyrosine kinase 5), RAK (Nuclear tyrosine protein kinase). The Frk is a tyrosine kinase expressed in various tissues, such as the gastrointestinal tract and pancreatic islet cells. It affects pancreatic beta cell number during embryogenesis and promotes beta cell cytotoxic signals in response to streptozotocin (PMID:20157399). It may function as a tumor suppressor (PMID:19345329).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

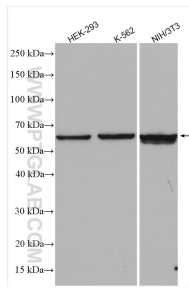
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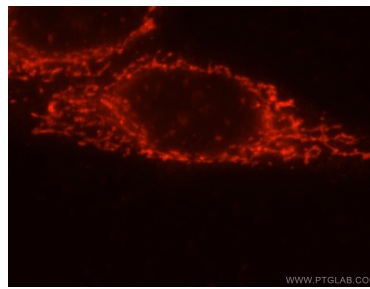
E: proteintech@ptglab.com  
W: ptglab.com

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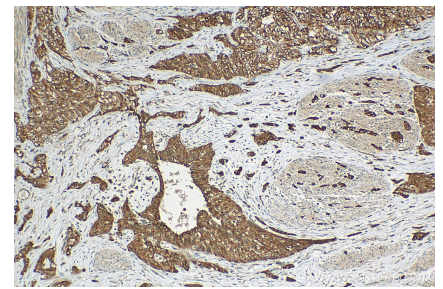
## Ausgewählte Validierungsdaten



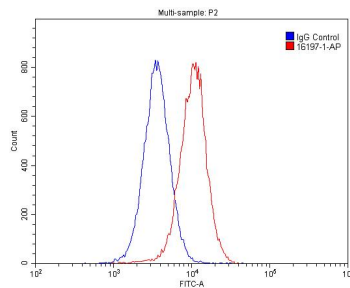
Various lysates were subjected to SDS PAGE followed by western blot with 16197-1-AP (FRK antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using FRK antibody 16197-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 16197-1-AP (FRK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug FRK antibody (16197-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.