

Nur für Forschungszwecke

PGAM1 Polyklonaler Antikörper

Katalog-Nr.:16126-1-AP

Vorgestelltes Produkt

16 Publikationen



Allgemeine Informationen

Katalog-Nr.: 16126-1-AP	GenBank-Zugangsnummer: BC011678	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5223	Empfohlene Verdünnungen: WB 1:2000-1:12000 IHC 1:20-1:200 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: phosphoglycerate mutase 1 (brain)	
Isotyp: IgG	Berechnete Masse: 254 aa, 29 kDa	
Immunogen Katalognummer: AG9110	Beobachtete Masse: 29 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : A549-Zellen, CHO-Zellen, HEK-293T-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, NIH/3T3-Zellen, Raji-Zellen
In Publikationen genannte Anwendungen: IF, IHC, IP, WB	IHC : humanes Hirngewebe, humanes Mammakarzinomgewebe
Getestete Reaktivität: Human, Maus, Ratte	IF : A549-Zellen,
Zitierte Arten: Human, Maus	

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

PGAM1(phosphoglycerate mutase 1) is also named as PGAMA,PGAM-B and belongs to the phosphoglycerate mutase family. Phosphoglycerate mutase is widely distributed in mammalian tissues where it catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The homodimer PGAM1 is expressed mainly in liver, kidney, brain and overexpressed in a variety of human cancers, including breast carcinoma, colorectal cancer, lung cancer, prostate cancer, oral squamous cell carcinoma, esophageal squamous cell carcinomas and also associated with certain virus infection. PGAM1 could be developed as a useful diagnostic biomarker, as well as a potential therapeutic target for hepatocellular carcinoma (PMID:20403181). This antibody may also recognize PGAM2 and PGAM4 due to the high homology.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rongkun Li	34836938	Cell Death Dis	WB
Longzhu Ke	36335636	Cell Biol Int	WB
Yuguo Li	35502531	Bioengineered	WB

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.

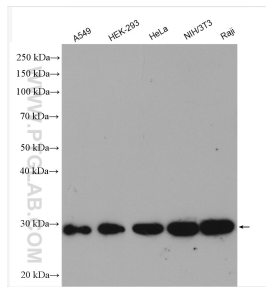
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

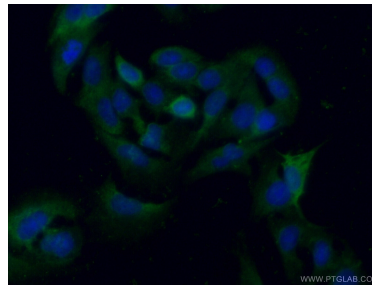
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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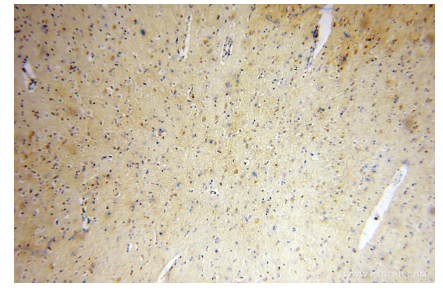
Ausgewählte Validierungsdaten



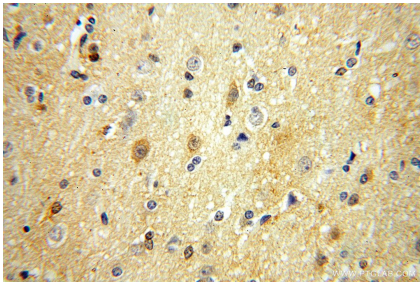
Various lysates were subjected to SDS PAGE followed by western blot with 16126-1-AP (PGAM1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 16126-1-AP (PGAM1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human brain using 16126-1-AP (PGAM1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 16126-1-AP (PGAM1 antibody) at dilution of 1:50 (under 40x lens).