

PPPDE1/PNAS4 Polyklonaler Antikörper

Katalog-Nr.: 20517-1-AP

Vorgestelltes Produkt

7 Publikationen

Allgemeine Informationen

Katalog-Nr.:

20517-1-AP

Größe:

150ul, Konzentration: 240 µg/ml von Nanodrop und 133 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG14352

GenBank-Zugangsnummer:

BC004485

GeneID (NCBI):

51029

Vollständiger Name:

PPPDE peptidase domain containing 1

Berechnete Masse:

194 aa, 21 kDa

Beobachtete Masse:

23 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:300-1:600
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:20-1:200
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : HeLa-Zellen, A549-Zellen, NCI-H1299-Zellen, U-251-Zellen

IP : A549-Zellen,

IHC : humanes Lungenkarzinomgewebe,

IF : HepG2-Zellen,

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

Hintergrundinformationen

PPPDE peptidase domain 1 (PPPDE1), also named as PNAS4, is a highly conserved gene ubiquitously expressed in various tissues. PPPDE1 has been identified as a novel pro-apoptotic gene activated during the early response to DNA damage which is thought to play a critical role in cellular function regarding the maintenance of genomic integrity. This antibody specifically recognized endogenous PPPDE1, which has been confirmed by siRNA test.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yu-Huan Kang	25120694	Oncol Lett	IHC
Xingwang Xie	30426280	Apoptosis	WB
Xingwang Xie	28483520	Biochem Biophys Res Commun	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

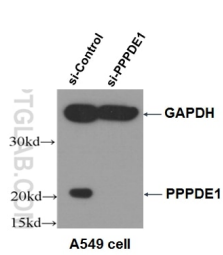
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

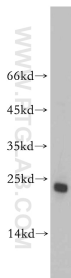
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

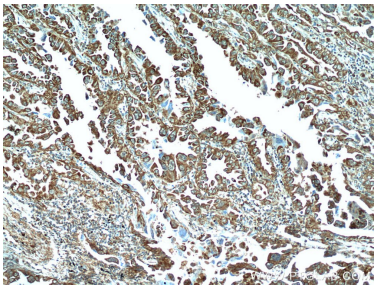
Ausgewählte Validierungsdaten



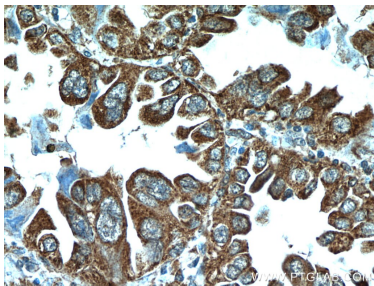
WB result of PPPDE1 antibody (20517-1-AP, 1:1000) with A549 cells transfected with si-control and si-PPPDE1.



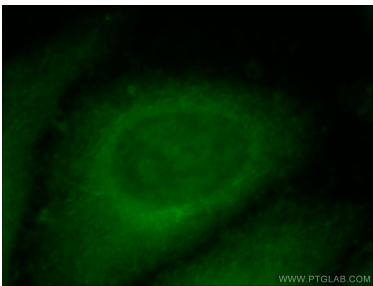
HeLa cells were subjected to SDS PAGE followed by western blot with 20517-1-AP (PPPDE1/PNAS4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



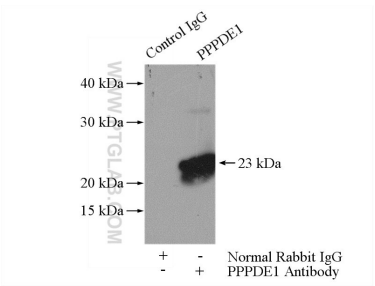
Immunohistochemical analysis of paraffin-embedded human lung cancer using 20517-1-AP (PPPDE1/PNAS4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 20517-1-AP (PPPDE1/PNAS4 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using PPPDE1 antibody 20517-1-AP at 1:25 dilution and FITC-labeled goat anti-Rabbit IgG (green).



IP Result of anti-PPPDE1/PNAS4 (IP:20517-1-AP, 4ug; Detection:20517-1-AP 1:500) with A549 cells lysate 2800ug.