

Nur für Forschungszwecke

EIF2AK2, PKR Polyklonaler Antikörper



Katalog-Nr.:18244-1-AP

Vorgestelltes Produkt

26 Publikationen

Allgemeine Informationen

Katalog-Nr.: 18244-1-AP	GenBank-Zugangsnummer: BC093676	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1000 µg/ml von5610 Nanodrop;	GeneID (NCBI): Vollständiger Name: eukaryotic translation initiation factor 2-alpha kinase 2	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Berechnete Masse: 551 aa, 62 kDa	
Isotyp: IgG	Beobachtete Masse: 65-68 kDa	
Immunogen Katalognummer: AG13010		

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

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.

Positivkontrollen:

WB: A549-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, Maus-Thymusgewebe, MCF-7-Zellen, Rattenherzgewebe, SH-SY5Y-Zellen, THP-1-Zellen

IP: HeLa-Zellen,

IHC: humanes Nierengewebe, humanes Hodengewebe

IF: HeLa-Zellen,

Hintergrundinformationen

The eukaryotic translation initiation factor 2-alpha kinase 2 (EIF2AK2, also known as PKR or PRKR) is an important component of the host innate immune antiviral response. The product of the HSAEIF2AK2 gene is a 68 kDa protein that is ubiquitously expressed at low levels. The N-terminal part of this protein contains two dsRNA binding motifs (dsRBM). The C-terminal EIF2S1 kinase domain includes 12 sub-domains that are conserved in several Species(PMID:16954046). This antibody is specific to EIF2AK2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Isshu Kojima	36069552	J Virol	WB
Lei Chang	34647267	J Mol Neurosci	WB,IF
Ji Zhu	36425580	Front Pharmacol	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

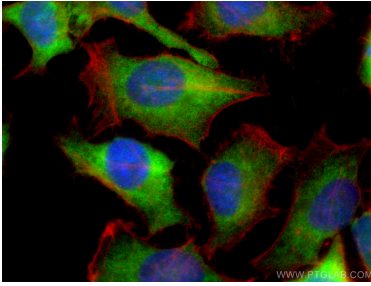
For technical support and original validation data for this product please contact:

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

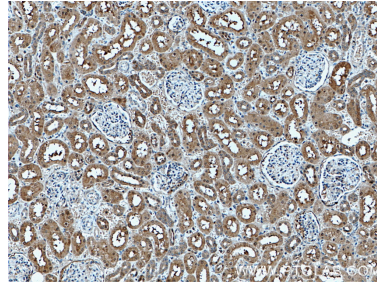
E: proteintech@ptglab.com
W: ptglab.com

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

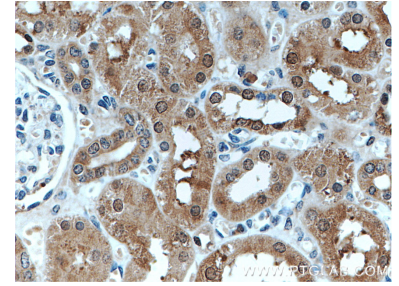
Ausgewählte Validierungsdaten



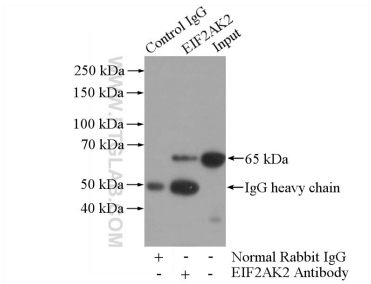
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EIF2AK2, PKR antibody (18244-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



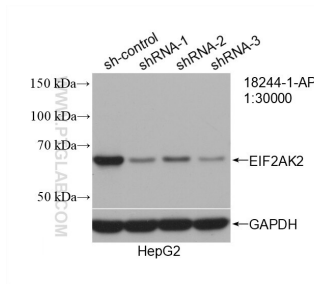
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18244-1-AP (EIF2AK2, PKR antibody) at dilution of 1:200 (under 10x Lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



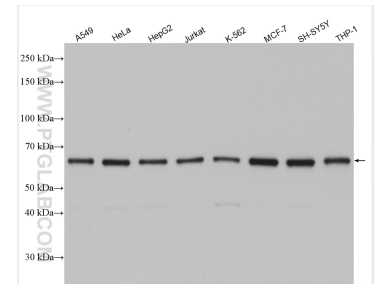
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18244-1-AP (EIF2AK2, PKR antibody) at dilution of 1:200 (under 40x Lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-EIF2AK2, PKR (IP:18244-1-AP, 4ug; Detection:18244-1-AP 1:500) with HeLa cells lysate 1200ug.



WB result of EIF2AK2, PKR antibody (18244-1-AP; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EIF2AK2, PKR transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 18244-1-AP (EIF2AK2, PKR antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.