

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EIF2AK2, PKR



Numéro de catalogue: 18244-1-AP

Phare

30 Publications

Informations de base

Numéro de catalogue:
18244-1-AP

Taille:
150ul, Concentration: 1000 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13010

Numéro d'acquisition GenBank:
BC093676

Identification du gène (NCBI):

Nom complet:
eukaryotic translation initiation
factor 2-alpha kinase 2

MW calculé
551 aa, 62 kDa

MW observés:
65-68 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules HeLa, cellules HepG2, cellules Jurkat, cellules K-562, cellules MCF-7, cellules SH-SY5Y, cellules THP-1, tissu cardiaque de rat, tissu de thymus de souris

IP : cellules HeLa,

IHC : tissu rénal humain, tissu testiculaire humain

IF : cellules HeLa,

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azotate de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

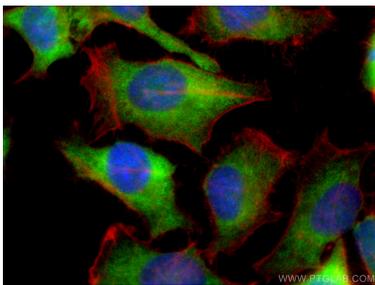
For technical support and original validation data for this product please contact:

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

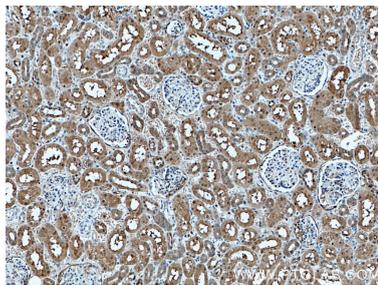
E: proteintech@ptglab.com
W: ptglab.com

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

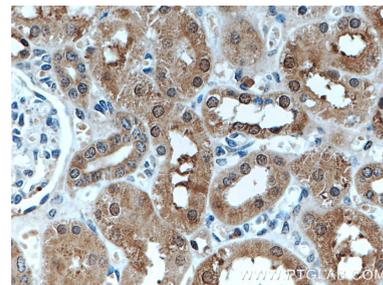
Données de validation sélectionnées



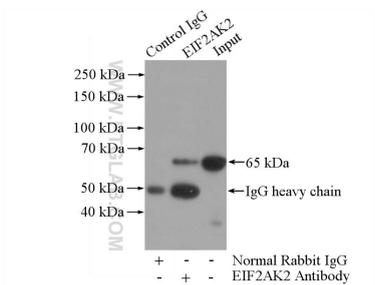
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EIF2AK2, PKR antibody (18244-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



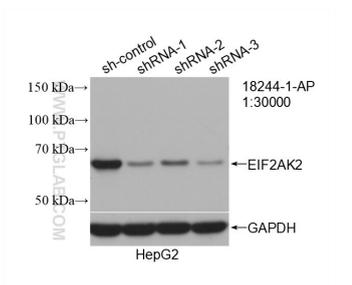
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18244-1-AP (EIF2AK2, PKR antibody) at dilution of 1:200 (under 10x Lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



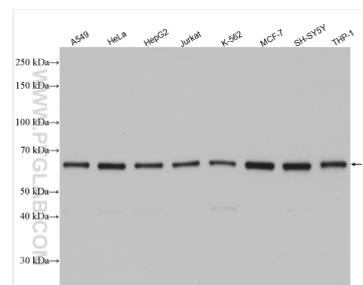
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18244-1-AP (EIF2AK2, PKR antibody) at dilution of 1:200 (under 40x Lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.