

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-IKBKB



Numéro de catalogue: 15649-1-AP

Phare

71 Publications

## Informations de base

<b>Numéro de catalogue:</b> 15649-1-AP	<b>Numéro d'acquisition GenBank:</b> BC006231	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3551	<b>Dilutions recommandées:</b> WB 1:300-1:1000 IHC 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	
<b>Isotype:</b> IgG	<b>MW calculé</b> 756aa,81 kDa; 256aa,29 kDa	
<b>Immunogen Catalog Number:</b> AG8191	<b>MW observés:</b> 80 kDa, 86 kDa, 87 and 29 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, rat, souris

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

### Contrôles positifs:

WB : cellules Jurkat, cellules HepG2, cellules K-562

IHC : tissu de cancer du foie humain, tissu de cancer de la prostate humain

## Informations générales

IKKBK, also named as IKKB, IKK2, NFKB1B and IKK-B, belongs to the protein kinase superfamily, Ser/Thr protein kinase family and I-kappa-B kinase subfamily. IKKBK is a Serine kinase that plays an essential role in the NF-kappa-B signaling pathway. It acts as part of the canonical IKK complex in the conventional pathway of NF-kappa-B activation and phosphorylates inhibitors of NF-kappa-B on 2 critical serine residues. In addition to the NF-kappa-B inhibitors, IKKBK phosphorylates several other components of the signaling pathway including NEMO/IKBK, NF-kappa-B subunits RELA and NFKB1, as well as IKK-related kinases TBK1 and IKBKE. It also phosphorylates other substrates including NCOA3, BCL10 and IRS1. Within the nucleus, IKKBK acts as an adapter protein for NFKB1A degradation in UV-induced NF-kappa-B activation. This antibody can identify 4 isoform of IKKBK with the molecular weight of 80, 86, 87 and 29 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xin Shen	36184549	Int Heart J	WB
Yanliang Wu	34601083	J Ethnopharmacol	WB
Wenbin Pei	34650433	Front Pharmacol	WB

## Stockage

### Stockage:

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

### Tampon de stockage:

PBS avec azoture 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.

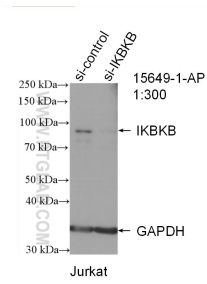
For technical support and original validation data for this product please contact:

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

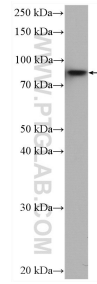
E: proteintech@ptglab.com  
W: ptglab.com

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

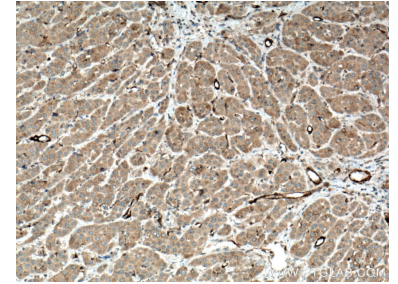
## Données de validation sélectionnées



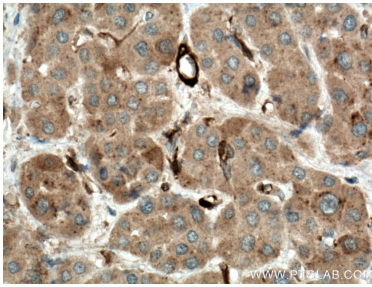
WB result of IKKBK antibody (15649-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-IKKBK transfected Jurkat cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 15649-1-AP (IKKBK antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15649-1-AP (IKKBK 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 liver cancer tissue slide using 15649-1-AP (IKKBK antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).