

Nur für Forschungszwecke

IKBKB Polyklonaler Antikörper

Katalog-Nr.:15649-1-AP

Vorgestelltes Produkt

70 Publikationen



Allgemeine Informationen

Katalog-Nr.:

15649-1-AP

Größe:

150ul, Konzentration: 400 µg/ml von Nanodrop und 227 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG8191

GenBank-Zugangsnummer:

BC006231

GeneID (NCBI):

3551

Vollständiger Name:

inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta

Berechnete Masse:

756aa,81 kDa; 256aa,29 kDa

Beobachtete Masse:

80 kDa, 86 kDa, 87 and 29 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:300-1:1000

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

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

IHC: humanes Leberkarzinomgewebe, humanes Prostatakarzinomgewebe

Hintergrundinformationen

IKBKB, also named as IKKB, IKK2, NFKB1KB and IKK-B, belongs to the protein kinase superfamily, Ser/Thr protein kinase family and I-kappa-B kinase subfamily. IKBKB 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, IKBKB 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, IKBKB acts as an adapter protein for NFKBIA degradation in UV-induced NF-kappa-B activation. This antibody can identify 4 isoform of IKBKB with the molecular weight of 80, 86, 87 and 29 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xin Shen	36184549	Int Heart J	WB
Yanliang Wu	34601083	J Ethnopharmacol	WB
Wenbin Pei	34650433	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

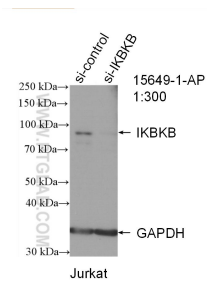
For technical support and original validation data for this product please contact:

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

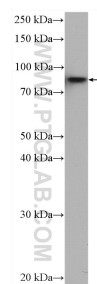
E: proteintech@ptglab.com
W: ptglab.com

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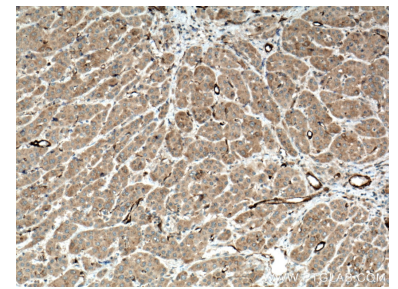
Ausgewählte Validierungsdaten



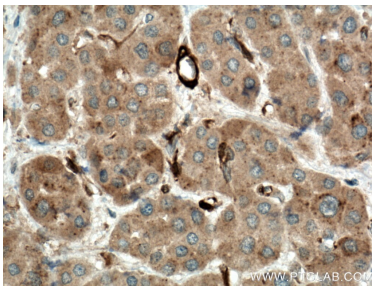
WB result of IKKBK antibody (15649-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-IKKBK transfected Jurkat cells.



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).