

Nur für Forschungszwecke

TBK1 Polyklonaler Antikörper

Katalog-Nr.: 28397-1-AP

Vorgestelltes Produkt

19 Publikationen



Allgemeine Informationen

Katalog-Nr.:
28397-1-AP

Größe:
150ul, Konzentration: 900 µg/ml von
Nanodrop und 433 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG28894

GenBank-Zugangsnummer:
BC034950

GeneID (NCBI):
29110

Vollständiger Name:
TANK-binding kinase 1

Beobachtete Masse:
84 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : HT-1080.Zellen, HCT 116-Zellen, HeLa-Zellen,
HepG2-Zellen, U2OS-Zellen

Hintergrundinformationen

TBK1, also named as tumor necrosis factor (TNF) receptor-associated factor NF-κB activator (TANK)-binding kinase 1 (TBK1), NF-κB-activating kinase (NAK), T2K, is a multimeric kinase that modulates inflammation and autophagy. It is a ubiquitously expressed serine-threonine kinase belonging to the 'noncanonical IκB kinases' (IKKs) recognized for its critical role in regulating type I IFN production (PMID: 27211305). And TBK1 is an important player in yet another critical cellular function, autophagy. This antibody is specific for TBK1.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaohua He	36147630	Biomed Res Int	WB
Yinghua Zhao	34471099	Signal Transduct Target Ther	WB
Qingxia Gao	36314820	J Virol	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

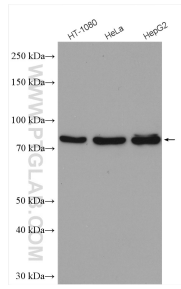
For technical support and original validation data for this product please contact:

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

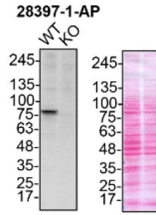
E: proteintech@ptglab.com
W: ptglab.com

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

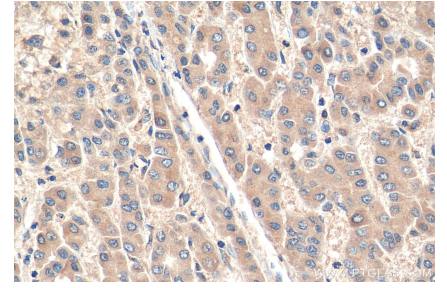
Ausgewählte Validierungsdaten



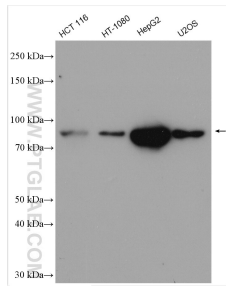
Various lysates were subjected to SDS PAGE followed by western blot with 28397-1-AP (TBK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



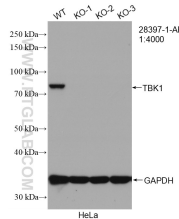
U2OS (WT and TBK1 KO) lysates prepared with RIPA buffer, 50 µg protein loaded. 28397-1-AP incubated at 1:5000 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



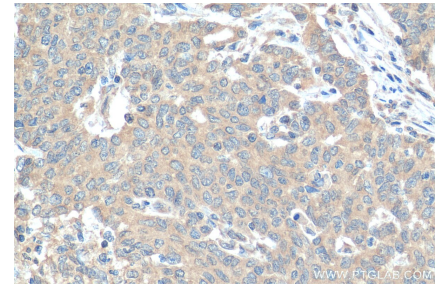
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 28397-1-AP (TBK1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



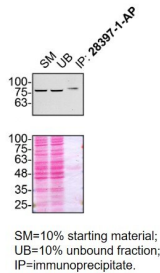
Various lysates were subjected to SDS PAGE followed by western blot with 28397-1-AP (TBK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of TBK1 antibody (28397-1-AP; 1:4000; room temperature for 1.5 hours) with wild-type and TBK1 knockout HeLa cells.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 28397-1-AP (TBK1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



SM=10% starting material;
UB=10% unbound fraction;
IP=immunoprecipitate.

U2OS lysates prepared and IP of TBK1 performed using 1.0 µg of 28397-1-AP coupled to protein A-Sepharose beads. The Ponceau stained transfers of each blot are shown. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.