

Nur für Forschungszwecke

CSNK1G1 Polyklonaler Antikörper

Katalog-Nr.:16384-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 16384-1-AP	GenBank-Zugangsnummer: BC017236	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 53944	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: casein kinase 1, gamma 1	
Isotyp: IgG	Berechnete Masse: 422 aa, 49 kDa	
Immunogen Katalognummer: AG9395	Beobachtete Masse: 49 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, IP, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, COS-7-Zellen, Jurkat-Zellen IP : Jurkat-Zellen, IHC : humanes Lebergewebe,
In Publikationen genannte Anwendungen: IP, WB	
Getestete Reaktivität: Affe, Human	
Zitierte Arten: Human	

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

Hintergrundinformationen

The casein kinase 1 (CK1) is a family of Ser/Thr protein kinases that functions as regulator in signal transduction of eukaryotic cells. CSNK1G1(Casein kinase I isoform gamma-1) plays an important role in activating the ATR/Chk1 pathway by phosphorylating Claspin, which was identified as a Chk1-activating protein. Recently, it has been found that CSNK1G1 can phosphorylate NF-kB subunit p65 at Ser536, which promotes its ubiquitin-mediated degradation by E3 ligases COMMD1 and CUL2.(PMID:24442433). This protein has 2 isoforms produced by alternative splicing with the molecular weight of 49 kDa and 45 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yetao Wang	24442433	J Immunol	WB,IP

Lagerung

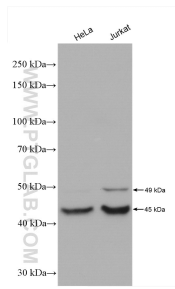
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

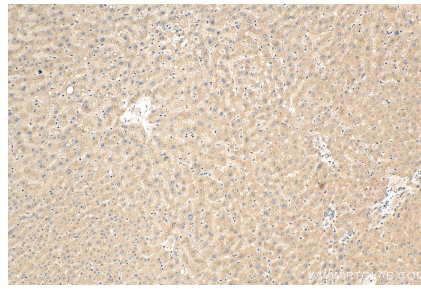
For technical support and original validation data for this product please contact:
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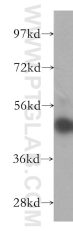
Ausgewählte Validierungsdaten



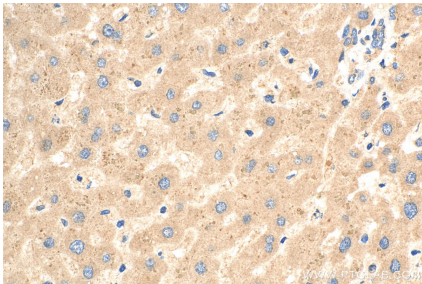
Various lysates were subjected to SDS PAGE followed by western blot with 16384-1-AP (CSNK1G1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



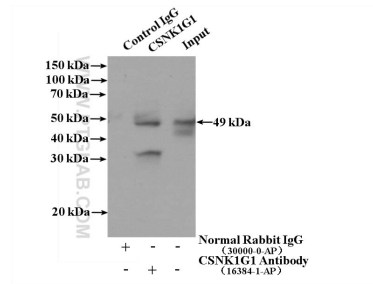
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16384-1-AP (CSNK1G1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 16384-1-AP (CSNK1G1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16384-1-AP (CSNK1G1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CSNK1G1 (IP:16384-1-AP, 4ug; Detection:16384-1-AP 1:300) with Jurkat cells lysate 2800ug.