

Allgemeine Informationen

Katalog-Nr.: 11893-1-AP	GenBank-Zugangsnummer: BC022403	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop;	GeneID (NCBI): 57534	Empfohlene Verdünnungen: WB 1:500-1:1000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: mindbomb homolog 1 (Drosophila)	
Isotyp: IgG	Berechnete Masse: 110 kDa	
Immunogen Katalognummer: AG2507	Beobachtete Masse: 110 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, IP, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, IP : K-562-Zellen, IHC : humanes Nierengewebe,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	

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

Hintergrundinformationen

MIB1(Mind bomb homolog 1) is an E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. MIB1, identified as an interactor of death associated protein kinase (DAPK), probably regulate apoptosis through ubiquitination and degradation of DAPK, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis. MIB1 promotes proteasomal degradation of NRF2 and sensitizes lung cancer cells to ferroptosis(PMID: 34670864). In addition, MIB1 upregulates IQGAP1 and promotes pancreatic cancer progression by inducing ST7 degradation(PMID: 33793053).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Juan Xiao	36068514	Mol Med	WB
Xinxing Wan	33741899	Cell Death Dis	WB
Yoshihiko Tasaki	33648930	Cancer Res	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**

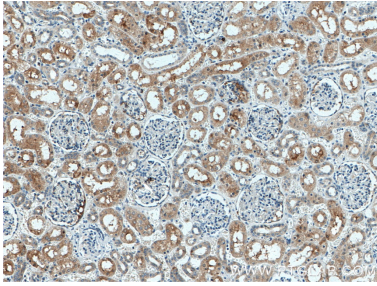
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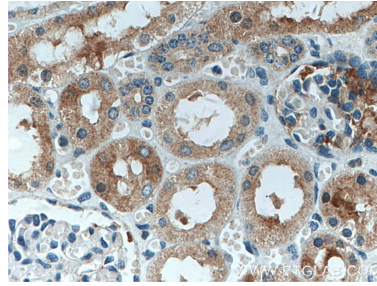
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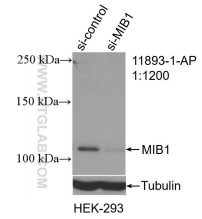
Ausgewählte Validierungsdaten



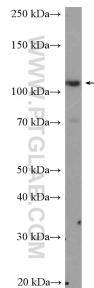
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11893-1-AP (MIB1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



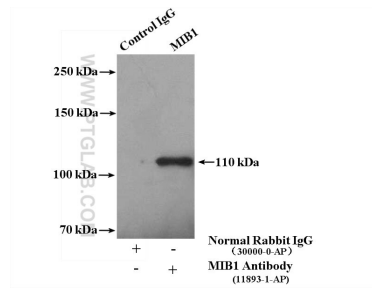
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11893-1-AP (MIB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of MIB1 antibody (11893-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-MIB1 transfected HEK-293 cells.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11893-1-AP (MIB1 Antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-MIB1 (IP:11893-1-AP, 4ug; Detection:11893-1-AP 1:500) with K-562 cells lysate 3400ug.