

Nur für Forschungszwecke

RIG-1/DDX58 Polyklonaler Antikörper



Katalog-Nr.: 20566-1-AP

Vorgestelltes Produkt

31 Publikationen

Allgemeine Informationen

Katalog-Nr.:
20566-1-AP

Größe:

150ul, Konzentration: 1000 µg/ml von 23586

Nanodrop und 373 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_014314

GeneID (NCBI):

23586

Vollständiger Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 58

Berechnete Masse:

107 kDa

Beobachtete Masse:

101/106 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IHC, IP, RIP, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Affe, Hausschwein, Human, Maus

Positivkontrollen:

WB: Jurkat-Zellen, A431-Zellen, HepG2-Zellen, Maushirngewebe, MCF-7-Zellen, MOLT-4-Zellen

IP: HepG2-Zellen,

IF: HepG2-Zellen,

Hintergrundinformationen

DDX58, also named as RIG-1, belongs to the helicase family. It is involved in innate immune defense against viruses. Upon interaction with intracellular dsRNA produced during viral replication, triggers a transduction cascade involving MAVS/IPS1, which results in the activation of NF-kappa-B, IRF3 and IRF7 and the induction of the expression of antiviral cytokines such as IFN-beta and RANTES (CCL5). Detects dsRNA produced from non-self dsDNA by RNA polymerase III, such as Epstein-Barr virus-encoded RNAs (EBERs). It is essential for the production of interferons in response to RNA viruses including paramyxoviruses, influenza viruses, Japanese encephalitis virus and HCV. The antibody is specific to DDX58.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Liang Zhang	30258002	J Virol	WB
Wei Zhang	25228491	J Gen Virol	WB
Lei-Ke Zhang	27605671	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

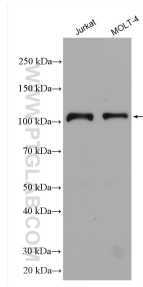
For technical support and original validation data for this product please contact:

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

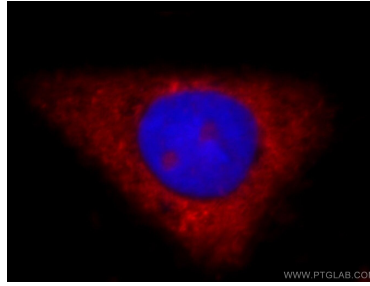
E: proteintech@ptglab.com
W: ptglab.com

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

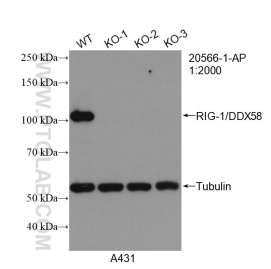
Ausgewählte Validierungsdaten



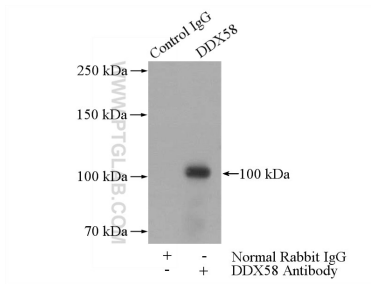
Various lysates were subjected to SDS PAGE followed by western blot with 20566-1-AP (RIG-1/DDX58 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using DDX58 antibody 20566-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



WB result of RIG-1/DDX58 antibody (20566-1-AP; 1:2000; room temperature for 1.5 hours) with wild-type and RIG-1/DDX58 knockout A431 cells.



IP Result of anti-DDX58 (IP:20566-1-AP, 4ug; Detection:20566-1-AP 1:300) with HepG2 cells lysate 3600ug.