À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RIG-1/DDX58

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:20566-1-AP Phare 34 Publications

Informations de base

Numéro de catalogue:
20566-1-AP

Taille:
150ul , Concentration: 1000 μg/ml by Nanodrop and 373 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_014314

Identification du gène (NCBI):
23586

Nom complet:
DEAD (Asp-Glu-Ala-Asp) box polypeptide 58

MW calculé
107 kDa

MW observés:
101/106 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:6000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IF 1:10-1:100

Applications

Applications testées:
IF, IP, WB, ELISA

Demandes citées:
CoIP, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, porc, singe, souris

Contrôles positifs:

WB : cellules Jurkat, cellules A431, cellules HepG2, cellules MCF-7, cellules MOLT-4, tissu cérébral de souris

IP : cellules HepG2,

IF : cellules HepG2, cellules H9C2

Informations générales

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.

Publications notables

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

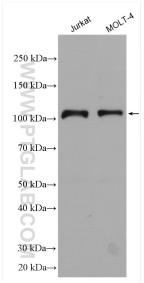
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

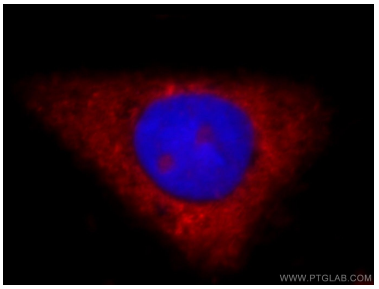
*** Les 20ul contiennent 0,1% de BSA.

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

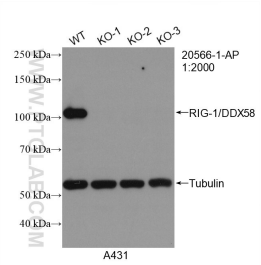
Données de validation sélectionnées



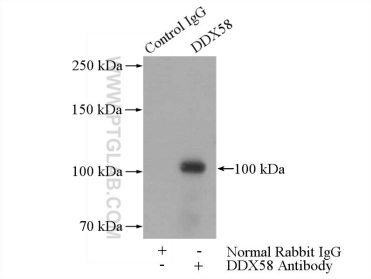
Various lysates were subjected to SDS PAGE followed by western blot with 20566-1-AP (RIG-1/DDX58 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.