

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-RIG-1/DDX58



Numéro de catalogue: 25068-1-AP

1 Publications

## Informations de base

Numéro de catalogue:

25068-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG18585

Numéro d'acquisition GenBank:

BC132786

Identification du gène (NCBI):

23586

Nom complet:

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

MW calculé

925 aa, 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 1:500-1:1000 for WB

IHC 1:20-1:200

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules A431, cellules HeLa, cellules NIH/3T3, cellules THP-1

IP : cellules A431,

IHC : tissu cardiaque humain, tissu de côlon humain

## 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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Di Jing	31464090	Cancer Med	WB,IHC

## 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.

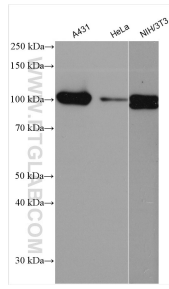
For technical support and original validation data for this product please contact:

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

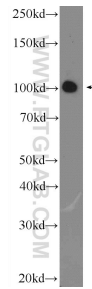
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

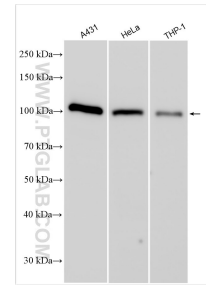
## Données de validation sélectionnées



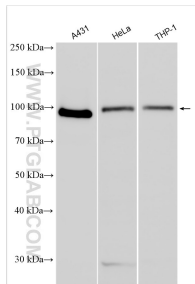
Various lysates were subjected to SDS PAGE followed by western blot with 25068-1-AP (RIG-1/DDX58 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



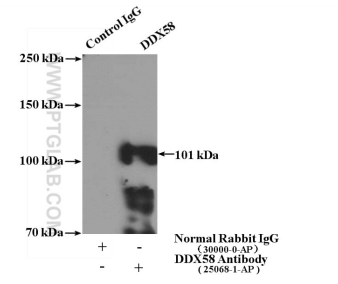
A431 cells were subjected to SDS PAGE followed by western blot with 25068-1-AP (DDX58 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



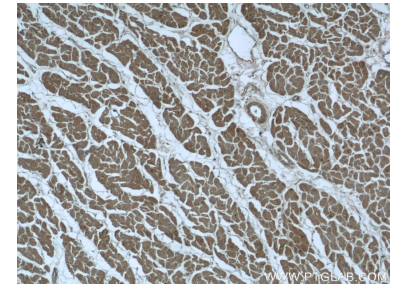
Various lysates were subjected to SDS PAGE followed by western blot with 25068-1-AP (RIG-1/DDX58 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



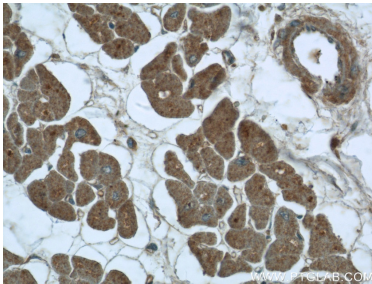
Various lysates were subjected to SDS PAGE followed by western blot with 25068-1-AP (RIG-1/DDX58 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP Result of anti-DDX58 (IP:25068-1-AP, 4ug; Detection:25068-1-AP 1:600) with A431 cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 25068-1-AP (DDX58 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 25068-1-AP (DDX58 Antibody) at dilution of 1:50 (under 40x lens).