Nur für Forschungszwecke

RIG-1/DDX58 Polyklonaler Antikörper

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Antibodies | ELISA kits | Proteins
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Katalog-Nr.:25068-1-AP 1 Publikationen

Allgemeine Informationen

Katalog-Nr.:
25068-1-AP

Größe:
150ul , Konzentration: 600 μg/ml von Nanodrop und 367 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG18585

GenBank-Zugangsnummer:
BC132786

GeneID (NCBI):
23586

Vollständiger Name:
DEAD (Asp-Glu-Ala-Asp) box polypeptide 58

Berechneté Masse:
925 aa, 107 kDa

Beobachteté Masse:
101/106 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IHC, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human

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

Positivkontrollen:

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

IP : A431-Zellen,

IHC : humanes Herzgewebe, humanes Kolongewebe

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Di Jing	31464090	Cancer Med	WB,IHC

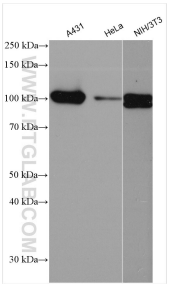
Lagerung

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

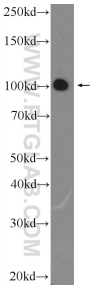
*** 20ul-Größen enthalten 0.1% BSA

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

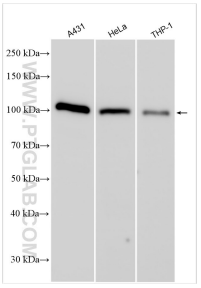
Ausgewählte Validierungsdaten



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.



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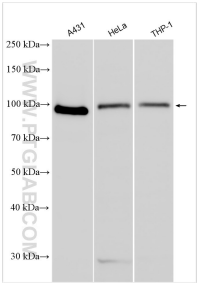

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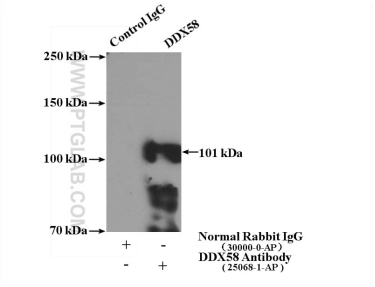
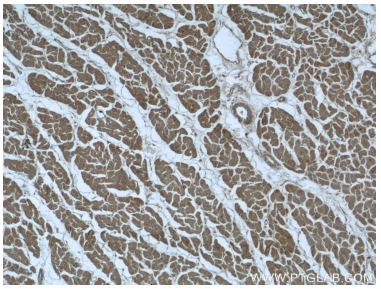
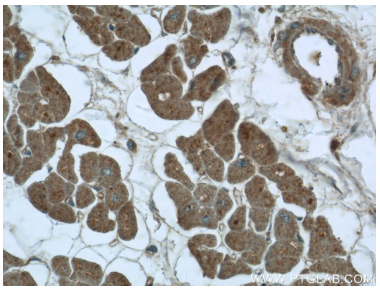


IP Result of anti-DDX58 (IP:25068-1-AP, 4ug; Detection:25068-1-AP 1:600) with A431 cells lysate 1200ug.



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).