

Allgemeine Informationen

Katalog-Nr.:

66925-1-Ig

GenBank-Zugangsnummer:

BC008071

Reinigungsmethode:

Protein-A-Reinigung

Größe:

150ul, Konzentration: 1400 µg/ml von 9188

GeneID (NCBI):

9188

CloneNo.:

1B9C8

Nanodrop und 773 µg/ml durch die Bradford-Methode mit BSA als Standard;

Vollständiger Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 21

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IHC 1:250-1:1000

IF 1:50-1:500

Wirt:

Maus

Berechnete Masse:

783 aa, 87 kDa

Isotyp:

IgG1

Beobachtete Masse:

90-95 kDa

Immunogen Katalognummer:

AG17850

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

Positivkontrollen:

WB: HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, HL-60-Zellen, Jurkat-Zellen, K-562-Zellen, THP-1-Zellen

Getestete Reaktivität:

Human

IHC: humanes Kolonkarzinomgewebe, humanes Kolongewebe

IF: HepG2-Zellen,

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

Hintergrundinformationen

DDX21 protein belongs to DEAD box protein family which is characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD). As a putative RNA helicase, DDX21 unwinds double-stranded RNA, folds single-stranded RNA and is involved in process including ribosomal RNA biogenesis, RNA editing and general transcription. Interaction of DDX21 and c-Jun was reported in ribosomal RNA processing.

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**

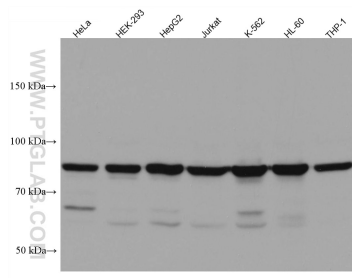
For technical support and original validation data for this product please contact:

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

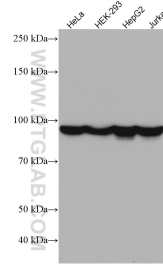
E: proteintech@ptglab.com
W: ptglab.com

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

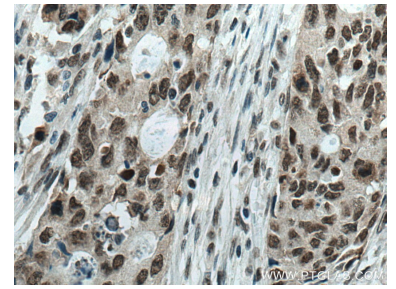
Ausgewählte Validierungsdaten



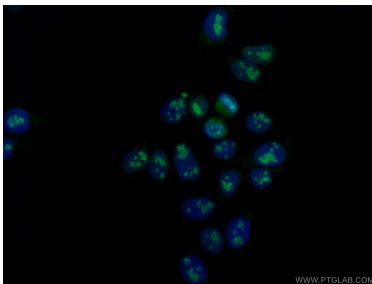
Various lysates were subjected to SDS PAGE followed by western blot with 66925-1-Ig (DDX21 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



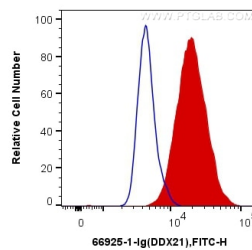
Various lysates were subjected to SDS PAGE followed by western blot with 66925-1-Ig (DDX21 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66925-1-Ig (DDX21 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66925-1-Ig (DDX21 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human DDX21 (66925-1-Ig, Clone:1B9C8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).