

For Research Use Only

CoraLite®594-conjugated DDX21 Polyclonal antibody



Catalog Number:CL594-10528

Featured Product

Basic Information

| | | |
|---|---|---|
| Catalog Number: CL594-10528 | GenBank Accession Number: BC008071 | Purification Method: Antigen affinity purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 9188 | Recommended Dilutions: IF 1:50-1:500 |
| Source: Rabbit | Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 21 | Excitation/Emission maxima wavelengths: 593 nm / 614 nm |
| Isotype: IgG | Calculated MW: 87 kDa | |
| Immunogen Catalog Number: AG0804 | Observed MW: 87 kDa | |

Applications

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| Tested Applications: FC (Intra), IF | Positive Controls: IF : HepG2 cells, |
| Species Specificity: human, mouse, rat | |

Background Information

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. DDX21 exists as two isoforms, molecular weight of modified isoform one is about 87 -100 kDa, and the post-modified isoform is about 75-85 kDa. Catalog# 10528-1-AP is a rabbit polyclonal antibody raised against N-terminal of human DDX21.

Storage

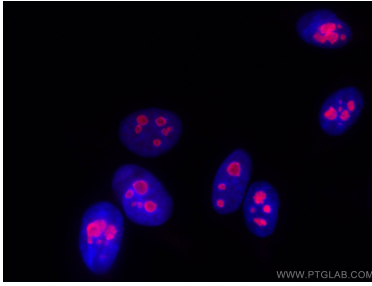
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

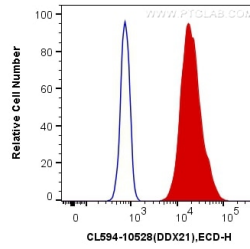
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 DDX21 antibody (CL594-10528) at dilution of 1:200.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human DDX21 (CL594-10528) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).