

For Research Use Only

CoraLite®594-conjugated DDX23 Recombinant antibody

Catalog Number: CL594-85763-4



Basic Information

Catalog Number:

CL594-85763-4

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0258

GenBank Accession Number:

BC002366

GeneID (NCBI):

9416

UNIPROT ID:

Q9BUQ8

Full Name:

DEAD (Asp-Glu-Ala-Asp) box

polypeptide 23

Calculated MW:

96 kDa

Observed MW:

96-100 kDa

Purification Method:

Protein A purification

CloneNo.:

243147B4

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : U2OS cells, HeLa cells

Background Information

DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23, synonyms: prp28, MGC8416, U5-100K) is a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX23 is a component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

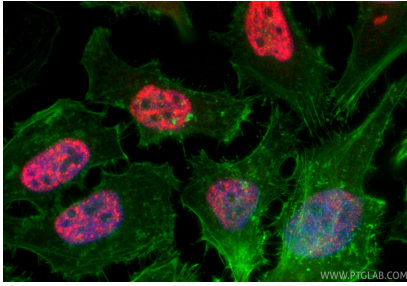
T: 4006900926

E: Proteintech-CN@ptglab.com

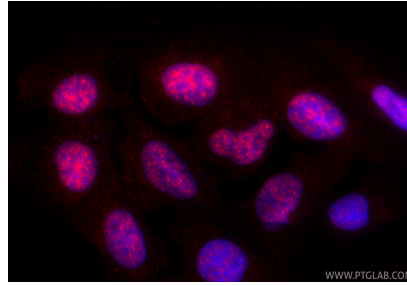
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoralLite®594 DDX23 antibody (CL594-85763-4, Clone: 243147B4) at dilution of 1:200, CL488-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoralLite®594 DDX23 antibody (CL594-85763-4, Clone: 243147B4) at dilution of 1:200.