For Research Use Only

CoraLite® Plus 488-conjugated DDX46 Recombinant monoclonal antibody

Catalog Number:CL488-85065-3

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-85065-3

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10342

GenBank Accession Number:
BC012304

GeneID (NCBI):
9879

UNIPROT ID:
Q7L014

Full Name:
DEAD (Asp-Glu-Ala-Asp) box polypeptide 46

Calculated MW:
1031 aa, 117 kDa

Observed MW:
140 kDa

Purification Method:
Protein A purification

CloneNo.:
242715E10

Recommended Dilutions:
IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

DDX46, also named as KIAA0801, is a 1031 amino acid protein, which belongs to the DEAD box helicase family. DDX46 has been shown to be required at the early step of pre-spliceosome assembly. It uses the energy released by the hydrolysis of ATP to rearrange local RNA-RNA or protein-RNA interactions. The nuclear DDX46 acted as a negative regulator of the antiviral innate response by recruiting the m6A'eraser' ALKBH5 to induce retention of antiviral innate mRNA in the nucleus.

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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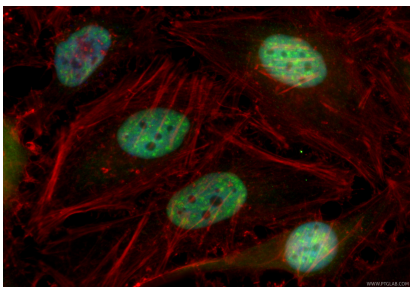
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 DDX46 antibody (CL488-85065-3, Clone: 242715E10) at dilution of 1:200, CL594-phalloidin (red).