

DDX39A Recombinant antibody

Catalog Number: 83083-4-RR

Basic Information

Catalog Number:

83083-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2311

GenBank Accession Number:

BC032128

GeneID (NCBI):

10212

UNIPROT ID:

O00148

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 39

Calculated MW:

427 aa, 49 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

230375F12

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : Jurkat cells, HeLa cells, HepG2 cells, Raji cells, HEK-293 cells, A431 cells

IF/ICC : HepG2 cells,

Background Information

DDX39A, also named the BAT1 protein, contains the nine conserved motifs that characterize the DEAD-box family of RNA-binding proteins. The family includes proteins found in all eukaryotic cell types, with considerable divergence in the sequences lying between the conserved motifs. Some of the motifs were known before the definition of the family and are responsible for binding to mRNA or ATP, or possess ATPase activity. Phylogenetic analyses have grouped BAT1 with the defining member of the DEAD-box family, eIF-4. This is a translation initiation factor required for the dissociation of stem/loop structures in mRNA at the ribosomes.

Storage

Storage:

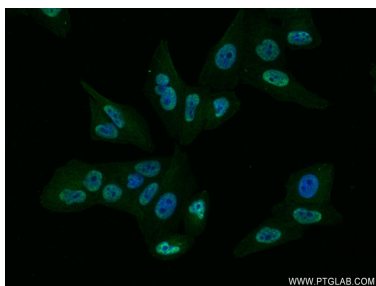
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

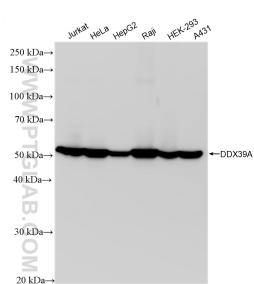
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX39 antibody (83083-4-RR, Clone: 230375F12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Various lysates were subjected to SDS PAGE followed by western blot with 83083-4-RR (DDX39 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.