DDX18 Recombinant antibody, PBS Only

Catalog Number:85789-3-PBS

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Basic Information

Catalog Number:
85789-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG27457

GenBank Accession Number:
BC001238

GeneID (NCBI):
8886

UNIPROT ID:
Q9NVP1

Full Name:
DEAD (Asp-Glu-Ala-Asp) box polypeptide 18

Calculated MW:
75 kDa

Observed MW:
75 kDa

Purification Method:
Protein A purification

CloneNo.:
250053E4

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

DDX18 (DEAD-box helicase 18) is a protein belonging to the DEAD-box deconjugating enzyme family that is widely involved in RNA metabolism. It plays a key role in the assembly of the ribosomal small subunit (SSU) and ensures efficient intracellular protein synthesis. DDX18 unwinds RNA double strands through its deconjugating enzyme activity, which is essential for the proper processing and functional execution of RNA molecules. In addition, DDX18 is a multifunctional RNA deconjugating enzyme involved in a variety of signaling pathways, playing a key role not only in ribosome assembly and RNA metabolism, but also in the regulation of a variety of biological processes such as cell cycle, genome stability and stem cell pluripotency.
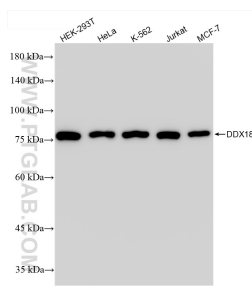
Storage

Storage:
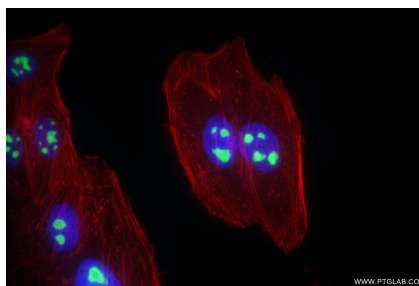Store at -80℃.
Storage Buffer:
PBS only, pH7.3

Various lysates were subjected to SDS PAGE followed by western blot with 85789-3-RR (DDX18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85789-3-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX18 antibody (85789-3-RR, Clone: 250053E4) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85789-3-PBS in a different storage buffer formulation.