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DHX36 Rabbit pAb

Catalog No.: A5191

Basic Information

Observed MW
114kDa

Calculated MW
115kDa

Category
Primary antibody

Applications
ELISA,WB,IP

Cross-Reactivity
Human, Mouse, Rat

Background

This gene is a member of the DEAH-box family of RNA-dependent NTPases which are named after the conserved amino acid sequence Asp-Glu-Ala-His in motif II. The protein encoded by this gene has been shown to enhance the deadenylation and decay of mRNAs with 3'-UTR AU-rich elements (ARE-mRNA). The protein has also been shown to resolve into single strands the highly stable tetramolecular DNA configuration (G4) that can form spontaneously in guanine-rich regions of DNA. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB   1:200 - 1:2000

IP   0.5μg-4μg antibody for
             200μg-400μg extracts of
                          whole cells

Immunogen Information

Gene ID   **Swiss Prot**
170506   Q9H2U1

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human DHX36 (NP_065916.2).

Synonyms
G4R1; RHAU; DDX36; MLEL1; DHX36

Contact

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Product Information

Source   **Isotype**   **Purification**
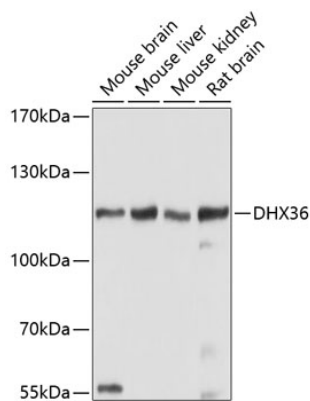Rabbit   IgG   Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using DHX36 Rabbit pAb (A5191) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.
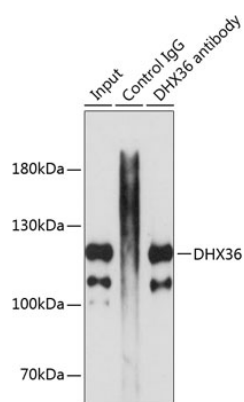
Immunoprecipitation analysis of 200 μg extracts of MCF7 cells using 3 μg DHX36 antibody (A5191). Western blot was performed from the immunoprecipitate using DHX36 antibody (A5191) at a dilution of 1:1000.