

Anti-DDX 18 antibody, rabbit serum

70-453 100 µl

DDX18 protein (670aa, 75.4KDa) is a putative ATP-dependent RNA helicase since it possesses a DEAD box motif, characterized by the conserved motif, Asp-Glu-Ala-Asp (DEAD). RNA helicases which may play a role in ribosome biogenesis. DDX18 acts as a cofactor for XPO1-mediated nuclear export of incompletely spliced HIV-1 Rev RNAs. It was also involved in HIV-1 replication and interacts specifically with hepatitis C virus core protein resulting in a change in intracellular location.

Applications

1) Western blot 1000~ 2,000 fold dilution 2) Immunofluorescence staining (~500 fold dilution)
Not tested for other applications

Specification

Reactivity: Reacts with DDX18 of human and rodents.

Immunogen: Purified Human DDX18 fused with GST

Form: Undiluted anti rabbit serum added with 0.05 % sodium azide

Storage: Shipped at 4°C Upon arrival aliquot and store at -20°C

Data Link UniProtKB/Swiss-Prot [Q9NVP1](#) (DDX18_HUMAN)

Reference This product is described and used in reference 1.

1. Sekiguchi T *et al* "NOP132 is required for proper nucleolus localization of DEAD-box RNA helicase DDX47." *Nucleic. Acid. Res.* 34 : 4593-4606 (2006) PMID: [16963496](#)

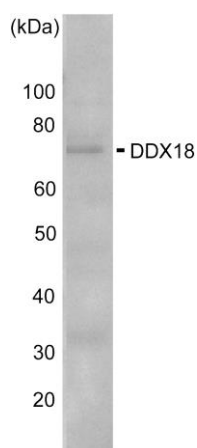


Fig.1 Western blot analysis of DDX3 in the whole cell extracts of HeLa cells (10 µg) with anti-DDX18 antibody at 1,000 fold dilution

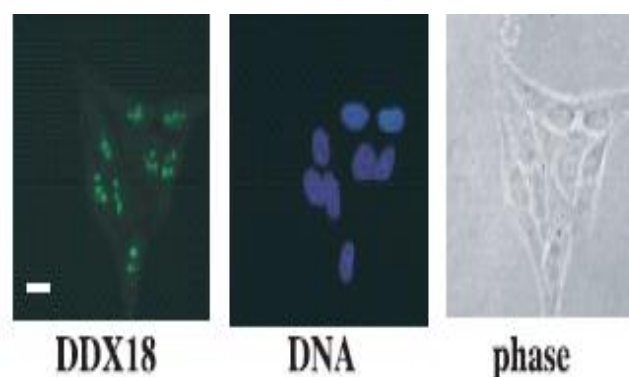


Fig.2 Immunostaining of DDX18 in HeLa cells with anti DDX18 antibody followed by FITC-conjugated anti-rabbit IgG second antibody. DNA was stained with Hoechst dye.

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