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10-4046: Monoclonal Antibody to DDX3 (Clone: ABM27H2)

Clone Name: Monoclonal ABM27H2

Application: WB

Reactivity: Human, Mouse

Gene : DDX3X
Gene ID : 1654
Uniprot ID : 000571
Format : Purified

Alternative Name : DDX3X,DBX,DDX3
Isotype : Mouse IgG2b Kappa

Immunogen Information: A partial length recombinant DDX3 protein (amino acids 10-230) was used as the immunogen

for this antibody.

Description

DDX3 (DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked) is having a large family of ATP-dependent RNA helicases that involve in several steps of RNA metabolism. Main functions of DDX3 involve transcription, mRNA export and translation, regulation of apoptosis and hepatitis C virus (HCV) replication. DDX3 has two isoforms produced by alternative splicing. The cytoplasmic form is highly phosphorylated in the G1/S. DDX3 is primarily expressed in nucleus during G0 phase and in the cytoplasm during G1/S phase.

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 ̸µg/ml

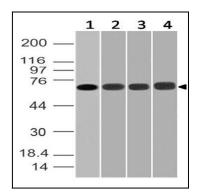


Fig-1: Western blot analysis of DDX3. Anti- DDX3 antibody (Clone: ABM27H2) was used at 2 μ g/ml on (1) MCF-7,(2) NIH3T3 (3) HEK293 and (4) EL-4 lysates.