

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

Clonality :	Monoclonal
Clone Name :	ABM27H2
Application :	WB
Reactivity :	Human,Mouse
Gene :	DDX3X
Gene ID :	1654
Uniprot ID :	O00571
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 µg / 100 µg
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

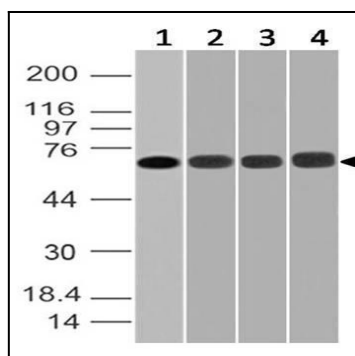


Fig-1: Western blot analysis of DDX3. Anti- DDX3 antibody (Clone: ABM27H2) was used at 2 µg/ml on (1) MCF-7,(2) NIH3T3 (3) HEK293 and (4) EL-4 lysates.