

DDX3X Mouse Monoclonal Antibody



CAB10099

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

73kDa

Calculated MW:

71kDa/73kDa

Applications:

WB ICC IP

Reactivity:

Human, Mouse, Rat, Monkey

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:4000 ICC
1:50 - 1:200 IP 1:20 - 1:50

Source:

Mouse

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The protein encoded by this gene is a member of the large DEAD-box protein family, that is defined by the presence of the conserved Asp-Glu-Ala-Asp (DEAD) motif, and has ATP-dependent RNA helicase activity. This protein has been reported to display a high level of RNA-independent ATPase activity, and unlike most DEAD-box helicases, the ATPase activity is thought to be stimulated by both RNA and DNA. This protein has multiple conserved domains and is thought to play roles in both the nucleus and cytoplasm. Nuclear roles include transcriptional regulation, mRNP assembly, pre-mRNA splicing, and mRNA export. In the cytoplasm, this protein is thought to be involved in translation, cellular signaling, and viral replication. Misregulation of this gene has been implicated in tumorigenesis. This gene has a paralog located in the nonrecombining region of the Y chromosome. Pseudogenes sharing similarity to both this gene and the DDX3Y paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

1654

Uniprot

O00571

Synonyms:

DDX3X; CAP-Rf; DBX; DDX14; DDX3; HLP2; MRX102

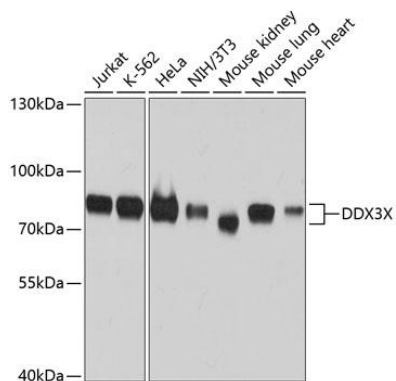
Immunogen:

Recombinant protein of human DDX3X

Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using DDX3X antibody (CAB10099) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.