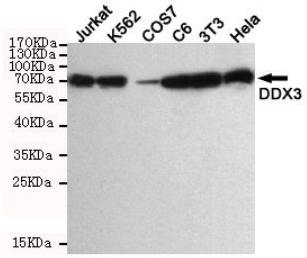
DDX3

Mouse monoclonal Antibody

#53658

Catalog Number: 53658
Amount: 100μg/100μl
Swiss-Prot No. :O00571
Gene name:ddx3x
Gene id:1654
Clone Number： 6G8-F4-E3
Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Storage/Stability: Store at -20℃/1 year
Immunogen: Purified recombinant human DDX3 protein fragments expressed in E.coli
Purification: affinity-chromatography
Specificity/Sensitivity: This antibody detects endogenous levels of DDX3 and does not corss-react with related proteins
Reactivity: Human,Mouse,Rat,Monkey
Applications: Predicted MW: 75kd WB: 1:1000 ICC:1:200



Western blot detection of DDX3 in Hela,3T3,C6,COS7,K562 and Jurkat cell lysate using DDX3 mouse mAb (1:1000 diluted).Predicted band size: 75KDa.Observed band size: 75KDa.

Background:.
DEAD box proteins,characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD),are putative RNA helicases.They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation,nuclear and mitochondrial splicing,and ribosome and spliceosome assembly.Based on their distribution patterns,some members of this family are believed to be involved in embryogenesis,spermatogenesis,and cellular growth and division.This gene encodes a DEAD box protein,which interacts specifically with hepatitis C virus core protein resulting a change in intracellular location.This gene has a homolog located in the nonrecombining region of the Y chromosome.The protein sequence is 91% identical between this gene and the Y-linked homolog.Alternative splicing results in multiple transcript variants.