

Product datasheet for TA346931

DDX3 (DDX3X) Mouse Monoclonal Antibody [Clone ID: 6G8-F4-E3]

Product data:

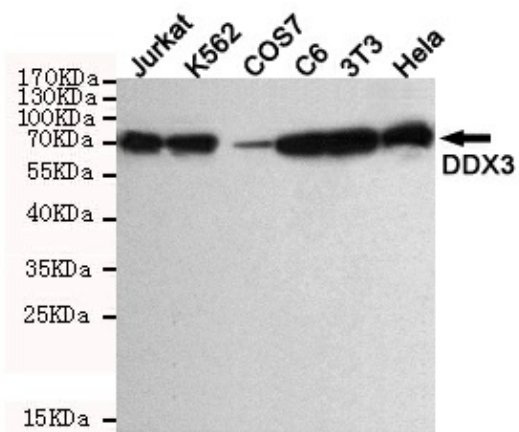
Product Type:	Primary Antibodies
Clone Name:	6G8-F4-E3
Applications:	IF, IP, WB
Recommend Dilution:	WB: 1:1000, IF: 1:200
Reactivity:	Human, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	The immunogen for DDX3X antibody: purified recombinant human DDX3 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide,0.1mg/mlBSA and 50% glycerol.
Purification:	Affinity purified
Predicted Protein Size:	75 kDa
Gene Name:	DEAD-box helicase 3, X-linked
Database Link:	NP_001347 Entrez Gene 13205 Mouse Entrez Gene 317335 Rat Entrez Gene 1654 Human
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. [provided by RefSeq,Jul 2010]
Synonyms:	CAP-Rf; DBX; DDX3; DDX14; HLP2
Protein Families:	ES Cell Differentiation/IPS



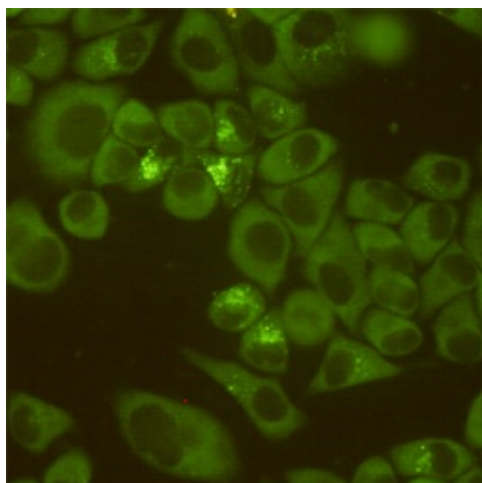
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Protein Pathways: RIG-I-like receptor signaling pathway

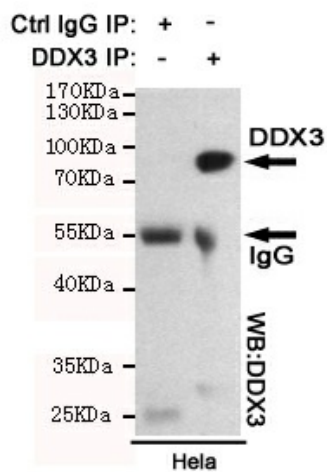
Product images:



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.



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using DDX3 mouse mAb (dilution 1:200).



Immunoprecipitation analysis of HeLa cell lysates using DDX3 mouse mAb.