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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
Recommended Dilution:	WB: 1:1000, IF: 1:200
Reactivity:	Human, Monkey, Rat, Mouse
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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	75 kDa
Gene Name:	DEAD-box helicase 3, X-linked
Database Link:	NP_001347 Entrez Gene 13205 MouseEntrez Gene 317335 RatEntrez Gene 1654 Human O00571

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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

Protein Pathways: RIG-I-like receptor signaling pathway