

产品名称: DDX3 Rabbit Polyclonal Antibody
产品货号: AP Rab09880



产品概述 (Summary)

产品名称 (Production Name)	DDX3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DDX3X/DDX3Y DDX3X; DBX; DDX3; ATP-dependent RNA helicase DDX3X; DEAD box protein 3; X-chromosomal; DEAD box, X isoform; Helicase-like protein 2; HLP2;
别名 (Alternative Names)	DDX3Y; DBY; ATP-dependent RNA helicase DDX3Y; DEAD box protein 3, Y-chromosomal
基因 ID (Gene ID)	1654/8653
蛋白 ID (SwissProt ID)	O00571/O15523.The antiserum was produced against synthesized peptide derived from N-terminal human DDX3. AA range:14-63

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
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蛋白分子量 (Molecular Weight) 73kDa

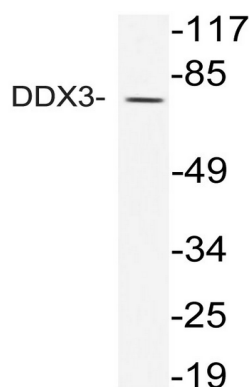
研究背景 (Background)

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 similar function: ATP-dependent RNA helicase. Acts as a cofactor for XPO1-mediated nuclear export of incompletely spliced HIV-1 Rev RNAs. Also involved in HIV-1 replication. Interacts specifically with hepatitis C virus core protein resulting in a change in intracellular location. similarity: Belongs to the DEAD box helicase family. similarity: Belongs to the DEAD box helicase family. DDX3/DED1 subfamily. similarity: Contains 1 helicase ATP-binding domain. similarity: Contains 1 helicase C-terminal domain. subcellular location: Located predominantly in nuclear speckles and, at low levels, throughout the cytoplasm. Located to the outer side of nuclear pore complexes (NPC). Shuttles between the nucleus and the cytoplasm in a XPO1-dependent manner. subunit: Found in a complex with Rev and XPO1. Interacts with XPO1 and TDRD3. Interacts with HCV core protein.

研究领域 (Research Area)

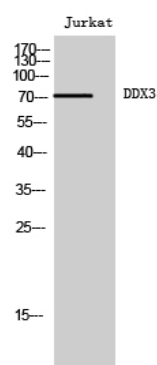
RIG-I-like receptor;

图片 (Image Data)

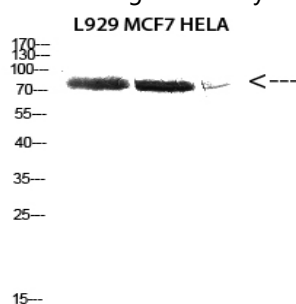


Western blot analysis of lysate from Jurkat cells, using DDX3 antibody.

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Western Blot analysis of Jurkat cells using DDX3 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of L929 MCF7 HELA cells using Antibody diluted at 2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .