

产品名称: DDX3Y Rabbit Polyclonal Antibody
产品货号: APRab09882



产品概述 (Summary)

产品名称 (Production Name)	DDX3Y Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC/IF, 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)	DDX3Y
别名 (Alternative Names)	DDX3Y; DBY; ATP-dependent RNA helicase DDX3Y; DEAD box protein 3; Y-chromosomal
基因 ID (Gene ID)	8653.0
蛋白 ID (SwissProt ID)	O15523. The antiserum was produced against synthesized peptide derived from human DDX3Y. AA range: 41-90

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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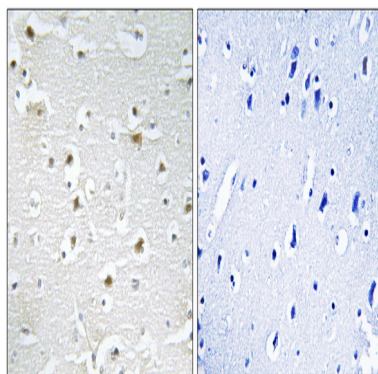
研究背景 (Background)

The protein encoded by this gene is a member of the DEAD-box RNA helicase family, characterized by nine conserved motifs, included the conserved Asp-Glu-Ala-Asp (DEAD) motif. These motifs are thought to be involved in ATP binding, hydrolysis, RNA binding, and in the formation of intramolecular interactions. This protein shares high similarity to DDX3X, on the X chromosome, but a deletion of this gene is not complemented by DDX3X. Mutations in this gene result in male infertility, a reduction in germ cell numbers, and can result in Sertoli-cell only syndrome. Pseudogenes sharing similarity to both this gene and the DDX3X paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014],disease:DDX3Y is deleted in severe non-obstructive hypospermatogenesis [MIM:400042],function:Probable ATP-dependent RNA helicase. May play a role in spermatogenesis.,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:Shuttles between the nucleus and the cytoplasm in an XPO1-dependent manner.,subunit:May interact with TDRD3.,tissue specificity:Testis-specific. Expressed predominantly in spermatogonia,

研究领域 (Research Area)

RIG-I-like receptor;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DDX3Y Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .