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Product datasheet for AP51221PU-N

DDX3Y (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	**ELISA:** 1/1000. **Western Blot:** 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 97-127 amino acids from the N-terminal region of human DDX3Y.
Specificity:	This antibody recognizes Human DDX3Y (N-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	DEAD-box helicase 3, Y-linked
Database Link:	Entrez Gene 8653 Human O15523

View online »

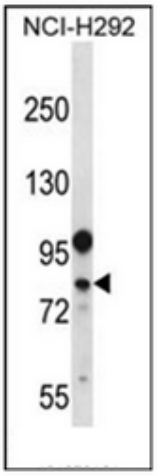
Background: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome 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, and it has a homolog on the X chromosome. The gene mutation causes male infertility, Sertoli cell-only syndrome or severe hypospermatogenesis, suggesting that this gene plays a key role in the spermatogenic process. Alternatively spliced variants, encoding the same protein, have been identified.

Synonyms: DBY, DEAD box protein 3 Y-chromosomal

Note: **Molecular Weight:** 73154 Da

Protein Pathways: RIG-I-like receptor signaling pathway

Product images:



Western blot analysis of DDX3Y Antibody (N-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the DDX3Y antibody detected the DDX3Y protein (arrow).