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## DDX3Y rabbit pAb

## Cat#: orb770720 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	DDX3Y rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DDX3Y. AA range:41-90
Specificity	DDX3Y Polyclonal Antibody detects endogenous levels of DDX3Y protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ATP-dependent RNA helicase DDX3Y
Gene Name	DDX3Y
Cellular localization	Cytoplasm . Nucleus . Shuttles between the nucleus and the cytoplasm in an XPO1-dependent manner.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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Concentration	1 mg/ml
Observed band	
Human Gene ID	8653
Human Swiss-Prot Number	015523
Alternative Names	DDX3Y; DBY; ATP-dependent RNA helicase DDX3Y; DEAD box protein 3; Y-chromosomal
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 sydrome. 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],



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