

DDX3Y rabbit pAb

Cat No.:ES7845

For research use only

Overview

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
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



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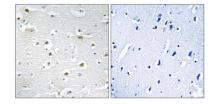
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interactions. This protein shares high similarity to DDX3X, on the X chromosome, but a deletion of this gene is not complemented by DDX3X. Mutations in this gene result in male infertility, a reduction in germ cell numbers, and can result in Sertoli-cell 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.





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