BT LAB
Bioassay Technology Laboratory
Optimize Your Research

DDX3Y Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02544
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DDX3Y. AA range:41-90
Mol wt	73154
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	DDX3Y Antibody
Synonyms	DDX3Y; DBY; ATP-dependent RNA helicase DDX3Y; DEAD box protein 3; Y-chromosomal

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by DDX3Y (DEAD-box helicase 3, Y-linked) 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 DDX3Y is not complemented by DDX3X. Mutations in DDX3Y result in male infertility, a reduction in germ cell numbers, and can result in Sertoli-cell only sydrome. Pseudogenes sharing similarity to both DDX3Y and the DDX3X paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms.

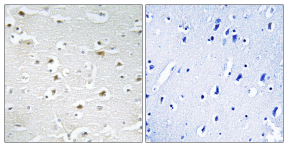
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year

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