

DDX3Y Rabbit Polyclonal Antibody



CAB11704

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

73kDa

Calculated MW:

32kDa/72kDa/73kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

8653

Uniprot

O15523

Synonyms:

DDX3Y; DBY

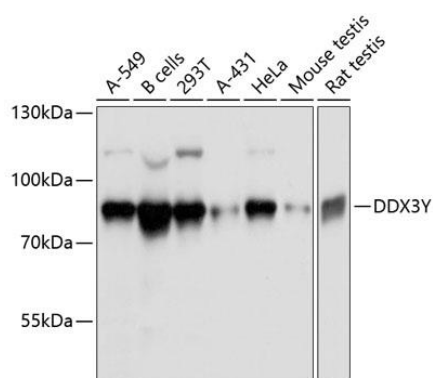
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human DDX3Y (NP_001116137.1).

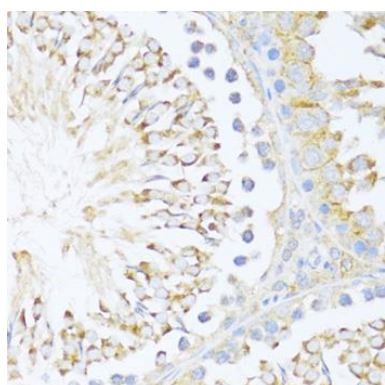
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

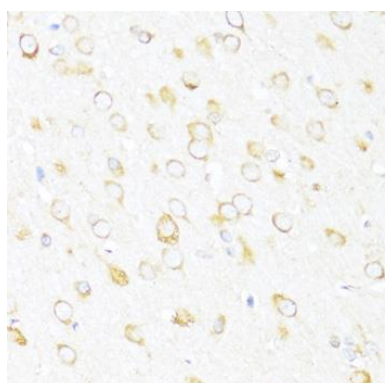
Product Images



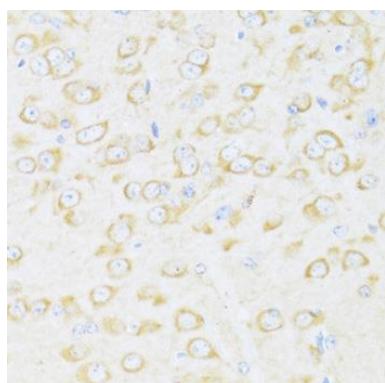
Western blot analysis of extracts of various cell lines, using DDX3Y antibody (CAB11704) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat testis using DDX3Y antibody (CAB11704) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using DDX3Y antibody (CAB11704) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using DDX3Y antibody (CAB11704) at dilution of 1:100 (40x lens).