

DDX4 Rabbit Polyclonal Antibody



CAB15624

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

79kDa

Calculated MW:

63kDa/75kDa/77kDa/79kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:200 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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, which is a homolog of VASA proteins in Drosophila and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

54514

Uniprot

Q9NQI0

Synonyms:

DDX4; VASA

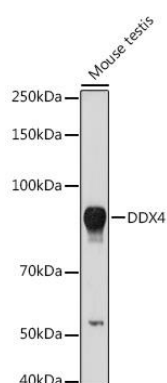
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human DDX4 (NP_077726.1).

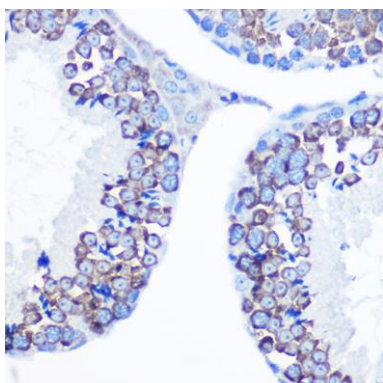
Storage:

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

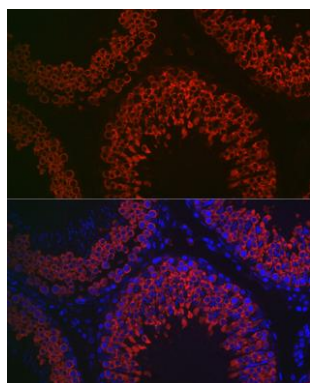
Product Images



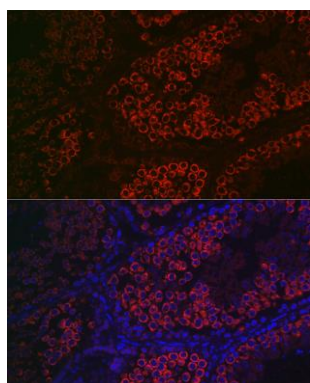
Western blot analysis of extracts of Mouse testis, using DDX4 antibody (CAB15624) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded mouse testis using DDX4 Rabbit pAb (CAB15624) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of rat testis using DDX4 Rabbit pAb (CAB15624) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse testis using DDX4 Rabbit pAb (CAB15624) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.