

Datasheet for ABIN6139498
anti-DDX41 antibody (AA 1-300)

6 Images

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Overview

Quantity:	100 µL
Target:	DDX41
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX41 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human DDX41 (NP_057306.2).
Sequence:	MEESEPERKR ARTDEVPAAG SRSEAEDDD EDYVPYVPLR QRRQLLQKL LQRRRKGAEE EEQQDSGSEP RGEDDDIPLG PQSNVSLLDQ HQHLKEKAEA RKESAKEKQL KEEKILES AEGRALMSVK EMAKGITYDD PIKTSWTPPR YVLSMSEERH ERVRKKYHIL VEGDGIPPI KSFKEMKFPA AILRGLKKKG IHHPTPIQIQ GIPTILSGRD MIGIAFTGSG KTLVFTLPVI MFCLEQEKRL PFSKREGPYG LIICPSRELA RQTHGILEYY CRLLQEDSSP LLRCALCIGG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: DDX41

Alternative Name: DDX41 ([DDX41 Products](#))

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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a member of the DEAD box protein family and interacts with several spliceosomal proteins. In addition, the encoded protein may recognize the bacterial second messengers cyclic di-GMP and cyclic di-AMP, resulting in the induction of genes involved in the innate immune response.,DDX41,ABS,MPLPF,Epigenetics & Nuclear Signaling,RNA Binding,Cell Biology & Developmental Biology,Apoptosis,DDX41

Molecular Weight: 69 kDa

Gene ID: 51428

UniProt: [Q9UJV9](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100,IP,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

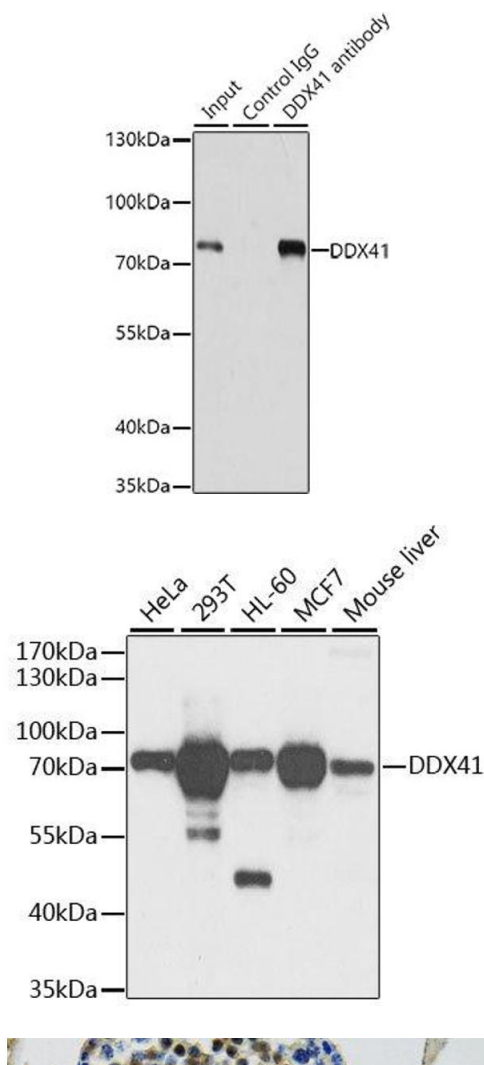
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunoprecipitation

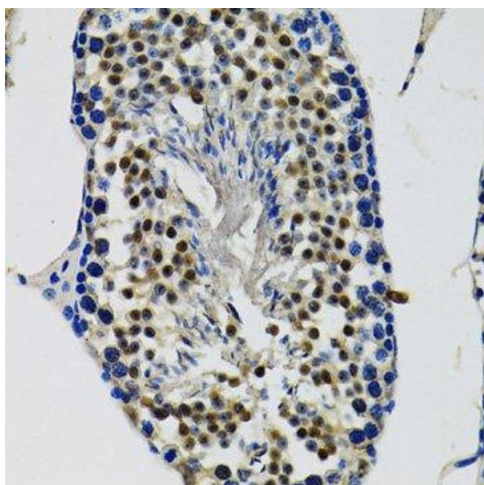
Image 1. Immunoprecipitation analysis of 200 µg extracts of 293T cells using 1 µg DDX41 antibody (ABIN6130254, ABIN6139498, ABIN6139499 and ABIN6222254). Western blot was performed from the immunoprecipitate using DDX41 antibody (ABIN6130254, ABIN6139498, ABIN6139499 and ABIN6222254) at a dilution of 1:1000.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DDX41 antibody.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse testis using DDX41 antibody.



Please check the [product details page](#) for more images. Overall 6 images are available for ABIN6139498.