ARG57761
anti-DDX41 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DDX41
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DDX41
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-300 of Human DDX41 (NP_057306.2).
Conjugation	Un-conjugated
Alternate Names	Probable ATP-dependent RNA helicase DDX41; ABS; DEAD box protein abstrakt homolog; DEAD box protein 41; EC 3.6.4.13

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	IP	1:50 - 1:200
	WB	1:500 - 1:2000

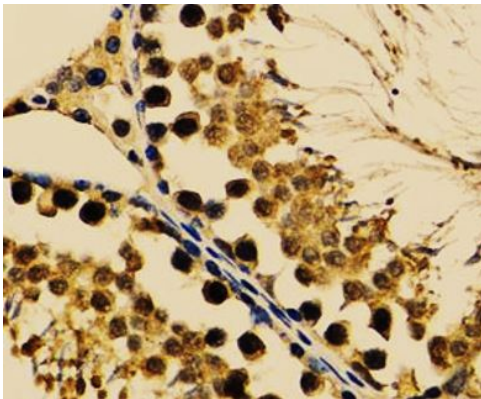|	
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	MCF7

Properties

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Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DDX41
Gene Full Name	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41
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. This gene encodes a member of this family. The function of this member has not been determined. Based on studies in Drosophila, the abstrakt gene is widely required during post-transcriptional gene expression. [provided by RefSeq, Jul 2008]
Function	Probable ATP-dependent RNA helicase. Is required during post-transcriptional gene expression. May be involved in pre-mRNA splicing. [UniProt]
Highlight	Related products: Anti-Rabbit IgG secondary antibodies; Related news: Exploring Antiviral Immune Response
Calculated Mw	70 kDa
Cellular Localization	Nucleus. [UniProt]

Images

ARG57761 anti-DDX41 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat testis stained with ARG57761 anti-DDX41 antibody at 1:100 dilution.
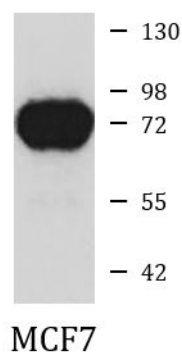
ARG57761 anti-DDX41 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG57761 anti-DDX41 antibody at 1:1000 dilution.

Isotype Control
DDX41 antibody

— 98
— 72
— 55
— 42

ARG57761 anti-DDX41 antibody IP image

Immunoprecipitation: 200 µg extracts of 293T cells were immunoprecipitated and stained with ARG57761 anti-DDX41 antibody at 1:1000 dilition.

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