

ARG41172 anti-DHX38 / PRP16 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DHX38 / PRP16
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DHX38 / PRP16
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1133-1227 of Human DHX38 / PRP16 (NP_054722.2).
Conjugation	Un-conjugated
Alternate Names	DDX38; PRPF16; PRP16; DEAH box protein 38; Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16; EC 3.6.4.13; ATP-dependent RNA helicase DHX38

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis	
Observed Size	140 kDa	

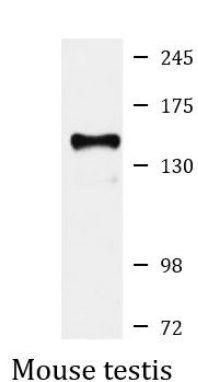
Properties

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	DHX38
Gene Full Name	DEAH (Asp-Glu-Ala-His) box polypeptide 38
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. The protein encoded by this gene is a member of the DEAD/H box family of splicing factors. This protein resembles yeast Prp16 more closely than other DEAD/H family members. It is an ATPase and essential for the catalytic step II in pre-mRNA splicing process. [provided by RefSeq, Jul 2008]
Function	Probable ATP-binding RNA helicase involved in pre-mRNA splicing. [UniProt]
Calculated Mw	141 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41172 anti-DHX38 / PRP16 antibody WB image

Western blot: 25 µg of Mouse testis lysate stained with ARG41172 anti-DHX38 / PRP16 antibody at 1:1000 dilution.