

## ARG42699 anti-DHX15 / Prp43 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes DHX15 / Prp43
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DHX15 / Prp43
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence of Human DHX15 / Prp43. (DIKPEWLVKIAPQYYDMSNFPQCEAKRQLDRIIAKLSKEYSQY)
Conjugation	Un-conjugated
Alternate Names	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15; DDX15; PrPp43p; ATP-dependent RNA helicase #46; PRP43; EC 3.6.4.13; DEAH box protein 15; HRH2; DBP1; PRPF43

### Application Instructions

Application table	Application	Dilution
	FACS	1:150 - 1:500
	ICC/IF	1:200 - 1:1000
	IHC-P	1:200 - 1:1000
	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.	
Observed Size	~ 91 kDa	

### Properties

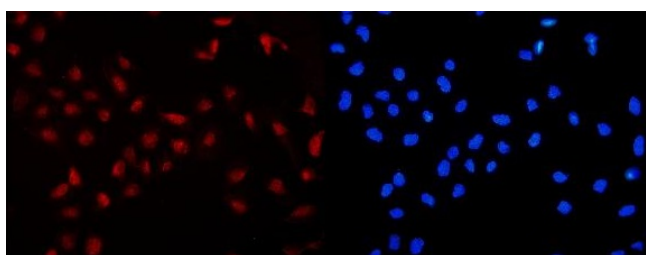
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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 or below. 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

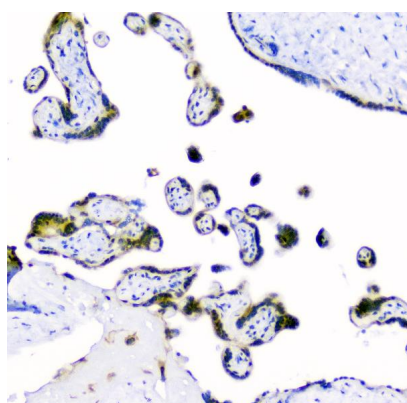
Gene Symbol	DHX15
Gene Full Name	DEAH (Asp-Glu-Ala-His) box helicase 15
Background	The protein encoded by this gene is a putative ATP-dependent RNA helicase implicated in pre-mRNA splicing. [provided by RefSeq, Jul 2008]
Function	Pre-mRNA processing factor involved in disassembly of spliceosomes after the release of mature mRNA. In cooperation with TFIP11 seem to be involved in the transition of the U2, U5 and U6 snRNP-containing IL complex to the snRNP-free IS complex leading to efficient debranching and turnover of excised introns. [UniProt]
Calculated Mw	91 kDa
Cellular Localization	Nucleus. Nucleus, nucleolus. [UniProt]

## Images



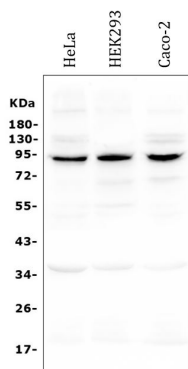
ARG42699 anti-DHX15 / Prp43 antibody ICC/IF image

Immunofluorescence: U2OS cells were blocked with 10% goat serum and then stained with ARG42699 anti-DHX15 / Prp43 antibody (red) at 2 µg/ml dilution, overnight at 4°C. DAPI (blue) for nuclear staining.



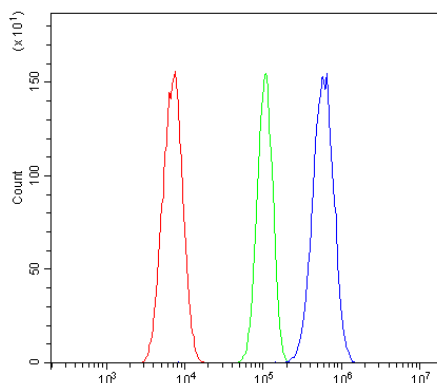
ARG42699 anti-DHX15 / Prp43 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42699 anti-DHX15 / Prp43 antibody at 1 µg/ml dilution, overnight at 4°C.



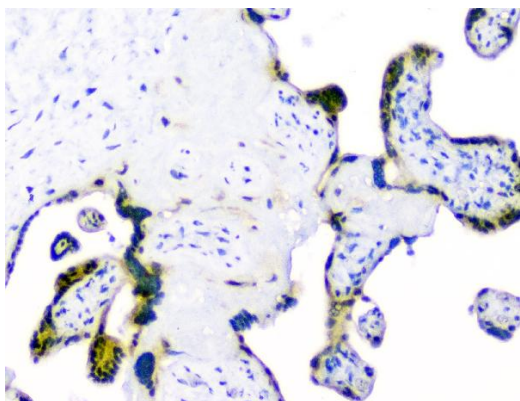
#### ARG42699 anti-DHX15 / Prp43 antibody WB image

Western blot: 50 µg of samples under reducing condition. HeLa, HEK293 and Caco-2 whole cell lysates stained with ARG42699 anti-DHX15 / Prp43 antibody at 0.5 µg/ml dilution, overnight at 4°C.



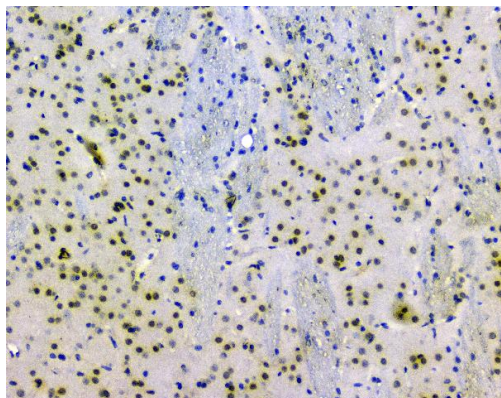
#### ARG42699 anti-DHX15 / Prp43 antibody FACS image

Flow Cytometry: A431 cells were blocked with 10% normal goat serum and then stained with ARG42699 anti-DHX15 / Prp43 antibody (blue) at 1 µg/10<sup>6</sup> cells for 30 min at 20°C, followed by incubation with DyLight®488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG (1 µg/10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (red) was also used as a control.



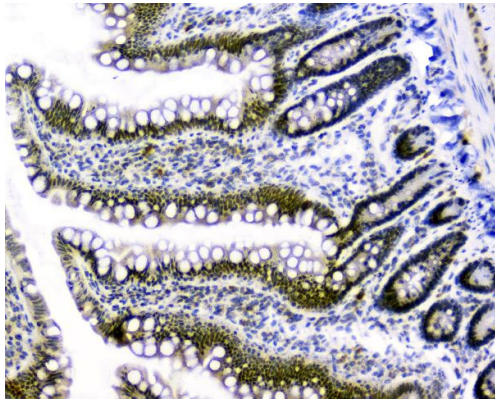
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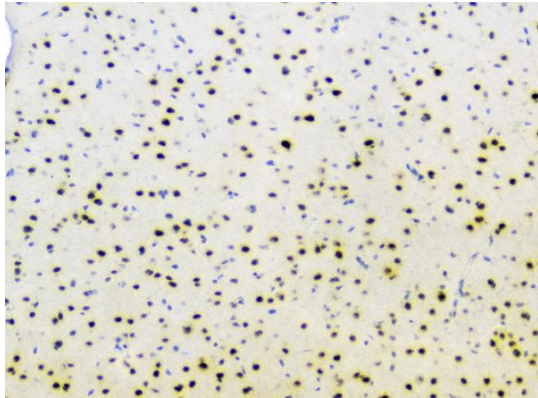
#### ARG42699 anti-DHX15 / Prp43 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42699 anti-DHX15 / Prp43 antibody at 1 µg/ml dilution, overnight at 4°C.



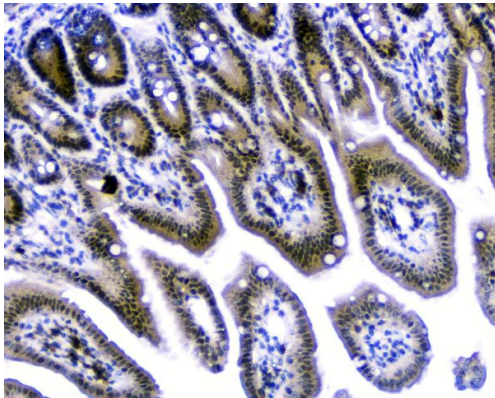
ARG42699 anti-DHX15 / Prp43 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat small intestine tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42699 anti-DHX15 / Prp43 antibody at 1 µg/ml dilution, overnight at 4°C.



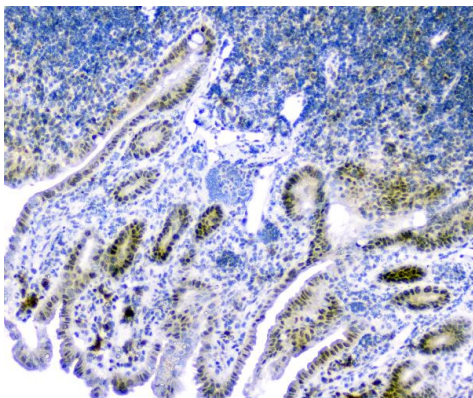
ARG42699 anti-DHX15 / Prp43 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42699 anti-DHX15 / Prp43 antibody at 1 µg/ml dilution, overnight at 4°C.



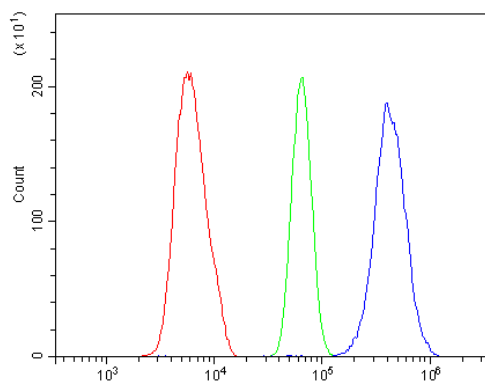
ARG42699 anti-DHX15 / Prp43 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42699 anti-DHX15 / Prp43 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG42699 anti-DHX15 / Prp43 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42699 anti-DHX15 / Prp43 antibody at 1 µg/ml dilution, overnight at 4°C.



#### ARG42699 anti-DHX15 / Prp43 antibody FACS image

Flow Cytometry: ANA-1 cells were blocked with 10% normal goat serum and then stained with ARG42699 anti-DHX15 / Prp43 antibody (blue) at  $1 \mu\text{g}/10^6$  cells for 30 min at  $20^\circ\text{C}$ , followed by incubation with DyLight<sup>®</sup>488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG ( $1 \mu\text{g}/10^6$  cells) used under the same conditions. Unlabelled sample (red) was also used as a control.