

ARG42911 anti-DAZAP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DAZAP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DAZAP1
Species	Human
Immunogen	Recombinant protein corresponding to M1-E189 of Human DAZAP1.
Conjugation	Un-conjugated
Alternate Names	DAZ-associated protein 1; Deleted in azoospermia-associated protein 1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 45 kDa	

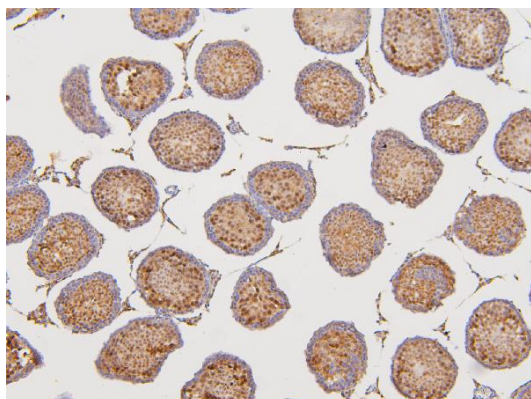
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 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.

Bioinformation

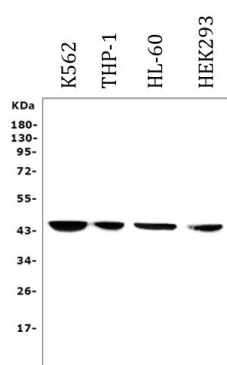
Gene Symbol	DAZAP1
Gene Full Name	DAZ associated protein 1
Background	In mammals, the Y chromosome directs the development of the testes and plays an important role in spermatogenesis. A high percentage of infertile men have deletions that map to regions of the Y chromosome. The DAZ (deleted in azoospermia) gene cluster maps to the AZFc region of the Y chromosome and is deleted in many azoospermic and severely oligospermic men. It is thought that the DAZ gene cluster arose from the transposition, amplification, and pruning of the ancestral autosomal gene DAZL also involved in germ cell development and gametogenesis. This gene encodes a RNA-binding protein with two RNP motifs that was originally identified by its interaction with the infertility factors DAZ and DAZL. Two isoforms are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008]
Function	RNA-binding protein, which may be required during spermatogenesis. [UniProt]
Calculated Mw	43 kDa
PTM	Acetylation at Lys-150 is predominantly observed in the nuclear fraction, and may regulate nucleocytoplasmic transport. [UniProt]
Cellular Localization	Cytoplasm. Nucleus. Note=Predominantly cytoplasmic (By similarity). Nuclear at some stages of spermatozoides development. In midpachytene spermatocytes, it is localized in both the cytoplasm and the nuclei and is clearly excluded from the sex vesicles. In round spermatids, it localizes mainly in the nuclei, whereas in elongated spermatids, it localizes to the cytoplasm (By similarity). [UniProt]

Images



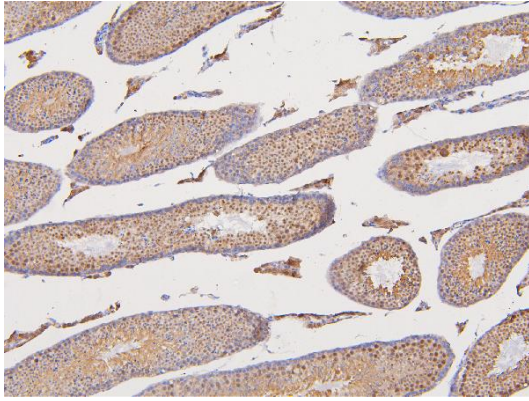
ARG42911 anti-DAZAP1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat testis tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42911 anti-DAZAP1 antibody at 1 µg/ml dilution, overnight at 4°C.



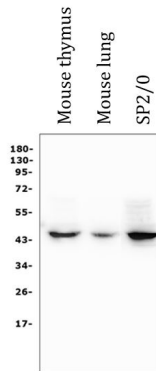
ARG42911 anti-DAZAP1 antibody WB image

Western blot: 50 µg of sample under reducing conditions. K562, THP-1, HL-60 and HEK293 whole cell lysates stained with ARG42911 anti-DAZAP1 antibody at 0.5 µg/ml dilution, overnight at 4°C.



ARG42911 anti-DAZAP1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse testis tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG42911 anti-DAZAP1 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG42911 anti-DAZAP1 antibody WB image

Western blot: 50 µg of sample under reducing conditions. Mouse thymus, Mouse lung and SP2/0 whole cell lysates stained with ARG42911 anti-DAZAP1 antibody at 0.5 µg/ml dilution, overnight at 4°C.