Datasheet for ABIN6139416

anti-DAZL antibody (AA 186-295)

5 Images

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Overview

Quantity:	100 µL
Target:	DAZL
Binding Specificity:	AA 186-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAZL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 186-295 of human DAZL (NP_001342.2).
Sequence:	VYNYQMPPQW PVGEQRSYVV PPAYSAVNYH CNEVDPGAEV VPNECSVHEA TPPSGNGPQK KSVDRSIQTV VSCLFNPENR LRNSVVTQDD YFKDKRVHHF RRSRAMLKSV
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

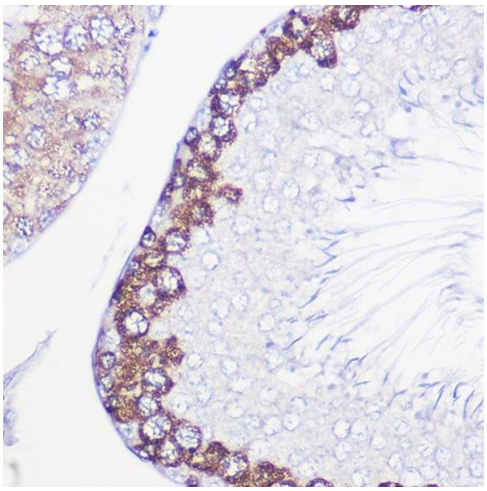
Target:	DAZL
Alternative Name:	DAZL (DAZL Products)
Background:	The DAZ (Deleted in AZoospermia) gene family encodes potential RNA binding proteins that are expressed in prenatal and postnatal germ cells of males and females. The protein encoded by this gene is localized to the nucleus and cytoplasm of fetal germ cells and to the cytoplasm of developing oocytes. In the testis, this protein is localized to the nucleus of spermatogonia but relocates to the cytoplasm during meiosis where it persists in spermatids and spermatozoa. Transposition and amplification of this autosomal gene during primate evolution gave rise to the DAZ gene cluster on the Y chromosome. Mutations in this gene have been linked to severe spermatogenic failure and infertility in males. Two transcript variants encoding different isoforms have been found for this gene.,DAZL,DAZH,DAZL1,DAZLA,SPGYLA,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Stem Cells,Germline Stem Cells,DAZL
Molecular Weight:	33 kDa/35 kDa
Gene ID:	1618
UniProt:	Q92904

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

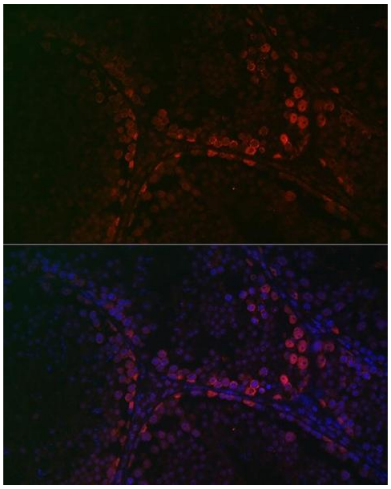
Handling

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



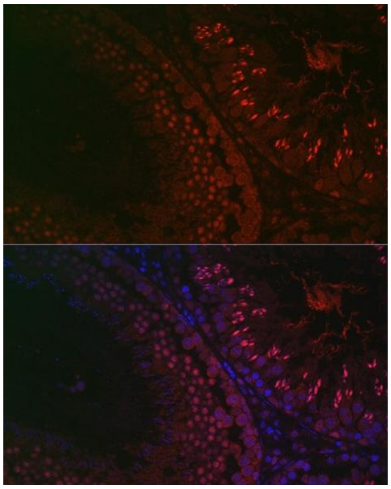
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat testis using DAZL Rabbit pAb (ABIN6130243, ABIN6139416, ABIN6139417 and ABIN6218163) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence

Image 2. Immunofluorescence analysis of mouse testis using DAZL Rabbit pAb (ABIN6130243, ABIN6139416, ABIN6139417 and ABIN6218163) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 3. Immunofluorescence analysis of rat testis using DAZL Rabbit pAb (ABIN6130243, ABIN6139416, ABIN6139417 and ABIN6218163) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 5 images are available for ABIN6139416.