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Datasheet for ABIN1396012
anti-DAZL antibody (AA 51-130) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	DAZL
Binding Specificity:	AA 51-130
Reactivity:	Mouse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAZL antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DAZL
Isotype:	IgG
Cross-Reactivity:	Mouse, Sheep
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DAZL
Alternative Name:	DAZL (DAZL Products)

Target Details

Background: Synonyms: DAZ homolog, DAZ like autosomal, DAZ-like autosomal, deleted in azoospermia-like, DAZH, DAZL 1, DAZL, DAZL_HUMAN, DAZL1, DAZLA, Deleted in azoospermia like 1, Deleted in azoospermia like, Deleted in azoospermia like autosomal, Deleted in azoospermia-like 1, Deleted in azoospermia-like, Germline specic RNA binding protein, MGC26406, Spermatogenesis gene on the Y like autosomal, SPGY like autosomal, SPGY-like-autosomal, SPGYLA, Tpx2.

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. [provided by RefSeq, Jun 2010].

Gene ID: 1618

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months