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Datasheet for ABIN1700271

anti-DZIP1 antibody (AA 21-120) (Biotin)

Overview 100 μL Quantity: Target: DZIP1 Binding Specificity: AA 21-120 Reactivity: Rat Host: Rabbit Clonality: Polyclonal Conjugate: This DZIP1 antibody is conjugated to Biotin Application: Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) **Product Details**

lmmunogen:	KLH conjugated synthetic peptide derived from human DZIP1	
Isotype:	IgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	DZIP1
Alternative Name:	DZIP1 (DZIP1 Products)

Target Details

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Synonyms: DAZ interacting protein 1/2, DAZ interacting protein testis1, DZIP, DZIP2, DZIP1, Zinc finger DAZ interacting protein 1, Zinc finger protein DZIP1, Zinc finger protein DZIP1.

Background: DZIP1 (DAZ interacting protein 1) is also known as DZIP or DZIP2 and is a 867 amino acid protein which is expressed as three isoforms, designated DZIPb, DZIPt1 and DZIPt2. DZIP1 is localized to testis, oocytes, ovary and fetal brain, as well as in embryonic stem cells and germ cells. In testis, DZIP1 is localized to the nucleus and also shows some cytoplasmic distribution in spermatogonia. DZIP1 belongs to the C2H2-type zinc-finger protein family, and, characteristc of the C2H2-type zinc-finger protein family, DZIP1 contains one C2H2-type zinc-finger region through which it is thought to interact with DAZ, an interaction that promotes spermiogenesis. DZIP1 expression is not found in those afflicted with Sertoli cell-only syndrome (characterized by the absence of germ cells in the testis), suggesting that the lack of DZIP1 may be involved in the pathogenesis of Sertoli cell-only syndrome-induced male sterility.

Pathways:

Hedgehog Signaling, Protein targeting to Nucleus

Application Details

Application Notes:

WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months