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# anti-DZIP1 antibody (AA 21-120)





#### Overview

Quantity:	100 μL
Target:	DZIP1
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DZIP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

# **Product Details**

Immunogen:	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**

DZIP1
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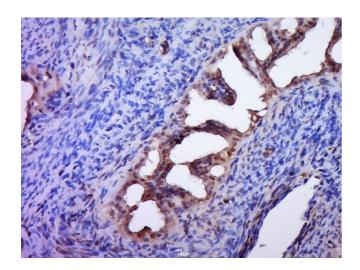
# **Target Details**

Alternative Name:	DZIP1 (DZIP1 Products)
Background:	Synonyms: DAZ interacting protein 1/2, DAZ interacting protein testis1, DZIP, DZIP2, DZIPt1,
	Zinc finger DAZ interacting protein 1, Zinc finger protein DZIP1, Zinc finger protein DZIPt1.
	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
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

# Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

#### **Images**



# **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat ovary, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with DZIP1 Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.