



[Go to Product page](#)

Datasheet for ABIN1707664
anti-DZIP1 antibody (AA 21-120) (Cy7)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | DZIP1 |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DZIP1 antibody is conjugated to Cy7 |
| 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 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

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, characteristic 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: 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

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

Expiry Date: 12 months