

Anti-DAZL Antibody [JA10-36]

ET1704-75



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-P
Molecular Wt:	Predicted band size: 33 kDa
Clone number:	JA10-36

Description: DAZL (deleted in azoospermia-like), an RNA-binding protein that effects spermatogenesis, is an autosomal homolog of the Y chromosome DAZ (deleted in azoospermia). The gene encoding human DAZL maps to chromosome locus 3p24. DAZL, like other members of The DAZ family members are included in germ cells in both male and female gonads. A Thr 54-to-Ala mutation within the RNA-recognition domain of DAZL proteins contributes to spermatogenic failure. Infertility in DAZL knockout catisatalities are unable to complete the first meiotic prophase in the first wave of spermatogenesis.

Immunogen: Synthetic peptide within DAZL aa 10-59 / 295.

Positive control: Human testis tissue, rat testis tissue.

Subcellular location: Cytoplasm. Nucleus. Predominantly cytoplasmic.

Database links: SwissProt: Q92904 Human | Q64368 Mouse
Entrez Gene: 680486 Rat

Recommended Dilutions:

WB	1:500
IHC-P	1:400

Storage Buffer: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Images

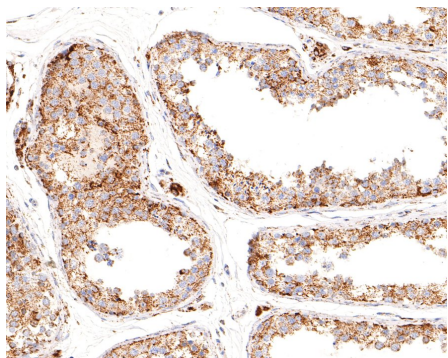


Fig1: Immunohistochemical analysis of paraffin-embedded human testis tissue with Rabbit anti-DAZL antibody (ET1704-75) at 1/400 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1704-75) at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

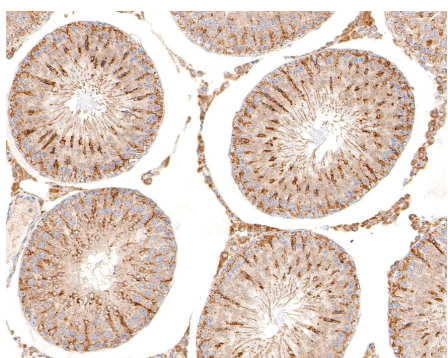


Fig2: Immunohistochemical analysis of paraffin-embedded rat testis tissue with Rabbit anti-DAZL antibody (ET1704-75) at 1/400 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1704-75) at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Wang H et al. Induction of Germ Cell-like Cells from Porcine Induced Pluripotent Stem Cells. *Sci Rep* 6:27256 (2016).
2. Fleck D et al. Distinct purinergic signaling pathways in prepubescent mouse spermatogonia. *J Gen Physiol* 148:253-71 (2016).

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物
HUABIO
www.huabio.cn