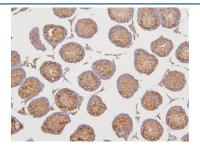


# **DAZAP1 Antibody (RQ5253)**

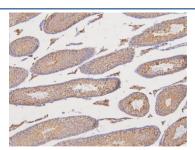
Catalog No.	Formulation	Size
RQ5253	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

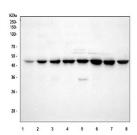
Availability	1-2 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q96EP5
Localization	Cytoplasmic, Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This DAZAP1 antibody is available for research use only.



IHC staining of FFPE rat testis tissue with DAZAP1 antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.



IHC staining of FFPE mouse testis tissue with DAZAP1 antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.



Western blot testing of 1) human AGS, 2) human GES-1, 3) human HGC-27, 4) human HeLa, 5) human Jurkat, 6) human 293T, 7) rat PC-12 and 8) mouse NIH 3T3 cell lysate with DAZAP1 antibody. Predicted molecular weight ~43 kDa.

### **Description**

DAZ-associated protein 1 is a protein that in humans is encoded by the DAZAP1 gene. It is mapped to19p13.3. In mammals, the Y chromosome directs the development of the testes and plays an important role in spermatogenesis. A high percentage of infertile men have deletions that map to regions of the Y chromosome. The DAZ (deleted in azoospermia) gene cluster maps to the AZFc region of the Y chromosome and is deleted in many azoospermic and severely oligospermic men. It is thought that the DAZ gene cluster arose from the transposition, amplification, and pruning of the ancestral autosomal gene DAZL also involved in germ cell development and gametogenesis. This gene encodes a RNA-binding protein with two RNP motifs that was originally identified by its interaction with the infertility factors DAZ and DAZL. Two isoforms are encoded by transcript variants of this gene.

#### **Application Notes**

Optimal dilution of the DAZAP1 antibody should be determined by the researcher.

#### **Immunogen**

Amino acids M1-E189 from the human protein were used as the immunogen for the DAZAP1 antibody.

#### **Storage**

Store the DAZAP1 antibody at -20oC.