## **DAZL Rabbit Polyclonal Antibody**



## CAB13970

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

38KDa

Calculated MW:

33kDa/35kDa

**Applications:** 

WB IHC IF

Reactivity:

Human, Mouse, Rat

**Protein Background** 

The DAZ (Deleted in AZoospermia) gene family encodes potential RNA binding proteins that are expressed in prenatal and postnatal germ cells of males and females. The protein encoded by this gene is localized to the nucleus and cytoplasm of fetal germ cells and to the cytoplasm of developing oocytes. In the testis, this protein is localized to the nucleus of spermatogonia but relocates to the cytoplasm during meiosis where it persists in spermatids and spermatozoa. Transposition and amplification of this autosomal gene during primate evolution gave rise to the DAZ gene cluster on the Y chromosome. Mutations in this gene have been linked to severe spermatogenic failure and infertility in males. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID: 1618

Uniprot Q92904

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Synonyms:

DAZL; DAZH; DAZL1; DAZLA; SPGYLA

Immunogen:

Recombinant fusion protein containing a sequence corresponding

to amino acids 186-295 of human DAZL (NP\_001342.2).

Storage:

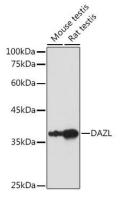
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

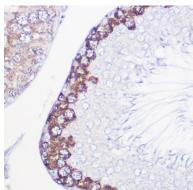
**Purification:** 

Affinity purification

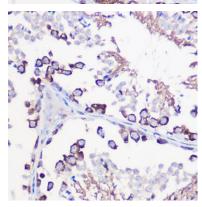
## **Product Images**



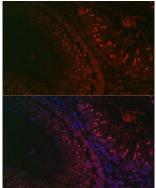
Western blot analysis of extracts of various cell lines, using DAZL antibody (CAB13970) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat testis using DAZL Rabbit pAb (CAB13970) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using DAZL Rabbit pAb (CAB13970) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of rat testis using DAZL Rabbit pAb (CAB13970) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.