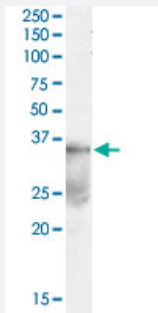


DAZL polyclonal antibody

Catalog # PAB6834

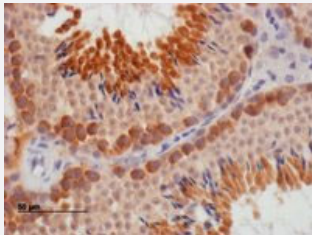
Size 100 ug

Applications



Western Blot (Tissue lysate)

DAZL polyclonal antibody (Cat # PAB6834) (0.1 ug/mL) staining of human ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DAZL polyclonal antibody (Cat # PAB6834) staining of paraffin embedded mouse testis.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DAZL.
Immunogen	A synthetic peptide corresponding to human DAZL.
Sequence	C-GNGPQKKSVDR
Host	Goat
Theoretical MW (kDa)	33.2
Reactivity	Human, Mouse
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:64000) Western blot (0.1-0.3 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

DAZL polyclonal antibody (Cat # PAB6834) (0.1 ug/mL) staining of human ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DAZL polyclonal antibody (Cat # PAB6834) staining of paraffin embedded mouse testis.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DAZL

Entrez GeneID	1618
Protein Accession#	NP_001342.2
Gene Name	DAZL
Gene Alias	DAZH, DAZL1, DAZLA, MGC26406, SPGYLA
Gene Description	deleted in azoospermia-like
Omim ID	601486
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

deleted in azoospermia-like autosomal|germline specific RNA binding protein|spermatogenesis gene on the Y-like autosomal

Publication Reference

- [DAZL expression in human oocytes, preimplantation embryos and embryonic stem cells.](#)

Cauffman G, Van de Velde H, Liebaers I, Van Steirteghem A.

Molecular Human Reproduction 2005 Jun; 11(6):405.

Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Oligospermia](#)