

Rabbit anti-Human DAZ Polyclonal Antibody | anti-DAZ1 antibody

Anti-DAZ Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254606	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

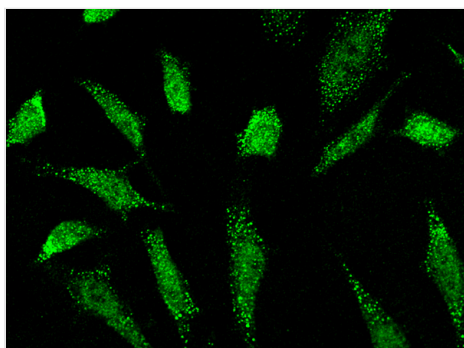
PRODUCT SYNONYMS

DAZ; Polyclonal Antibody; Anti-DAZ Antibody; Rabbit Polyclonal; DAZ1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-SPGY Antibody; anti-DAZ1 antibody

PRODUCT SPECIFICATIONS

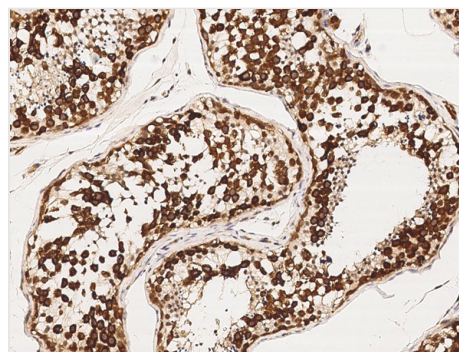
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human DAZ1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-DAZ1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human DAZ1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human DAZ1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



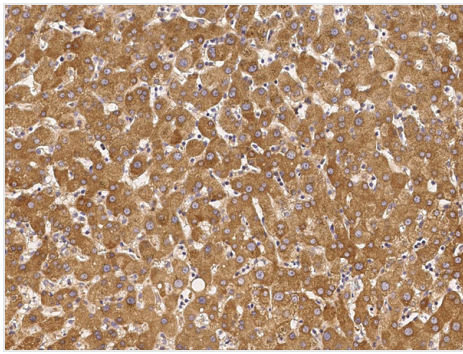
IF (Immunofluorescence)

Immunofluorescence staining of DAZ1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human DAZ1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human DAZ1 in human testis with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
 Immunochemical staining of human DAZ1 in human liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-DAZ1 antibody	Deleted in azoospermia 1 (DAZ1) is a member of the DAZ gene family and is located on Y-chromosome. The methylation status of the CpG island in the DAZ1 gene promoter region differed in leukocytes and sperm: it was methylated in leukocytes, but unmethylated in sperm. A differentially methylated region of the DAZ1 gene exists in spermatic and somatic cells, suggesting that methylation of this region may regulate DAZ1 gene expression in different tissues. Deletion of DAZ gene copies is related to spermatogenesis impairment. Complete DAZ deletion is a frequent genetic cause of severe oligozoospermia, and DAZ1/DAZ2 deletion is a high risk factor for the disease.
References	Yen PH (2004) Putative biological functions of the daz family. Int J Androl 27 (3): 125-129.Li ZX, et al. (2006) A differentially methylated region of the daz1 gene in spermatic and somatic cells. Asian J Androl 8 (1): 61-67.Ferras C, et al. (2004) Azf and daz gene copy-specific deletion analysis in maturation arrest and sertoli cell-only syndrome. Mol Hum Reprod 10 (10): 755-761.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189181654
NCBI GeneID	1617
NCBI Accession #	NP_004072.3
NCBI GenBank Nucleotide #	NM_004081.5
UniProt Accession #	Q9NQZ3; Q1RMF9; Q9NQZ4
Molecular Weight	67,295 Da
NCBI Official Full Name	deleted in azoospermia protein 1
NCBI Official Synonym Full Names	deleted in azoospermia 1
NCBI Official Symbol	DAZ1
NCBI Official Synonym Symbols	DAZ; SPGY
NCBI Protein Information	deleted in azoospermia protein 1
UniProt Protein Name	Deleted in azoospermia protein 1
UniProt Gene Name	DAZ1
UniProt Synonym Gene Names	DAZ; SPGY
UniProt Entry Name	DAZ1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

