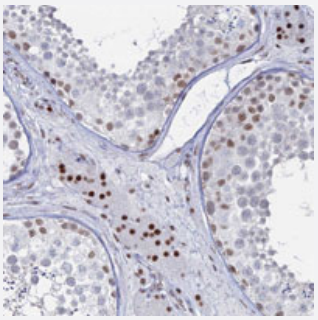
GSC2 polyclonal antibody

Catalog # PAB28101 Size 100 uL

Applications



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

Immunohistochemical staining of human testis with GSC2 polyclonal antibody (Cat # PAB28101) shows strong nuclear positivity in Leydig cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GSC2.
Immunogen	Recombinant protein corresponding to amino acids of recombinant GSC2.
Sequence	PFSIEHILSSLPERSLPARAACPPQPAGRQSPAKPEEP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — GSC2

Entrez GeneID	2928
Protein Accession#	O15499
Gene Name	GSC2
Gene Alias	GSCL
Gene Description	goosecoid homeobox 2
Omim ID	601845
Gene Ontology	Hyperlink
Gene Summary	Goosecoidlike (GSCL), a homeodomain-containing gene, resides in the critical region for VCFS/ DGS on 22q11. Velocardiofacial syndrome (VCFS) is a developmental disorder characterized by conotruncal heart defects, craniofacial anomalies, and learning disabilities. VCFS is phenotypical ly related to DiGeorge syndrome (DGS) and both syndromes are associated with hemizygous 22 q11 deletions. Because many of the tissues and structures affected in VCFS/DGS derive from th e pharyngeal arches of the developing embryo, it is believed that haploinsufficiency of a gene invo lved in embryonic development may be responsible for its etiology. The gene is expressed in a li mited number of adult tissues, as well as in early human development. [provided by RefSeq
Other Designations	goosecoid-like