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Product datasheet for TA343525

GSC2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GSCL antibody: synthetic peptide directed towards the C terminal of human GSCL. Synthetic peptide located within the following region: LEALFVQNQYPDVSTRERLAGRIRLREERVEVWFKNRRAKWRHQKRASAS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	goosecoid homeobox 2
Database Link:	NP_005306 Entrez Gene 2928 Human O15499

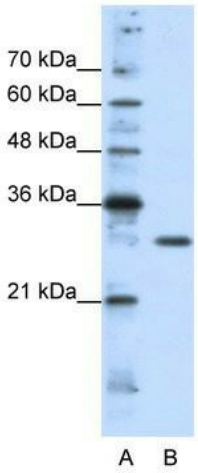
View online »

Background: Goosecoidlike (GSCL) resides in the critical region for VCFS/DGS on 22q11. Velocardiofacial syndrome (VCFS) is phenotypically related to DiGeorge syndrome (DGS) and both syndromes are associated with hemizygous 22q11 deletions. Because many of the tissues and structures affected in VCFS/DGS derive from the pharyngeal arches of the developing embryo, it is believed that haploinsufficiency of a gene involved in embryonic development may be responsible for its etiology.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 phenotypically related to DiGeorge syndrome (DGS) and both syndromes are associated with hemizygous 22q11 deletions. Because many of the tissues and structures affected in VCFS/DGS derive from the pharyngeal arches of the developing embryo, it is believed that haploinsufficiency of a gene involved in embryonic development may be responsible for its etiology. The gene is expressed in a limited number of adult tissues, as well as in early human development.

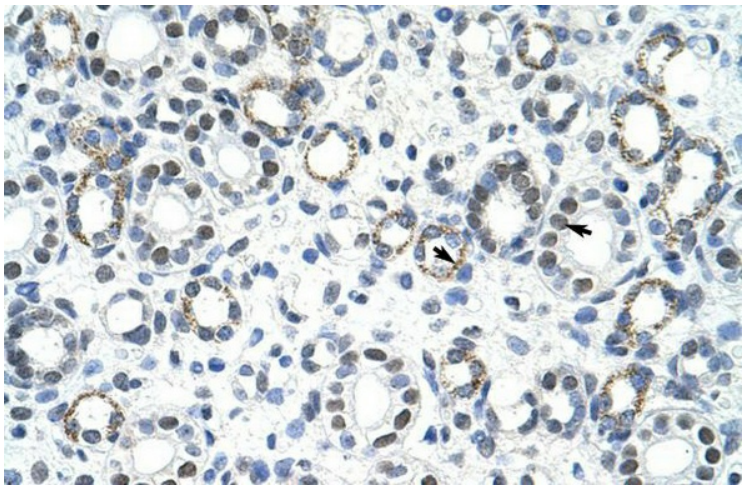
Synonyms: GSCL

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Dog: 93%; Bovine: 93%; Zebrafish: 91%; Horse: 85%; Rabbit: 85%

Product images:



WB Suggested Anti-GSCL Antibody Titration: 1.25 ug/ml; Positive Control: HepG2 cell lysate



Human kidney