

Anti-Human/Mouse GSC2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04354

3th Edition

Description: 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. GSC2 (Goosecoid Homeobox 2) is a Protein Coding gene. Diseases associated with GSC2 include Digeorge Syndrome and Velocardiofacial Syndrome. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and sequence-specific DNA binding. An important paralog of this gene is GSC.

Antigen: Synthesized peptide derived from the C-terminal region of human GSC2

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Detected in adult testis and pituitary, and in 9-10 week fetal tissue (thorax). Probably expressed in other tissues at low levels.