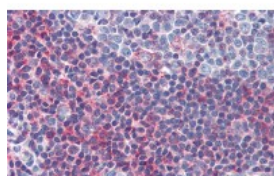


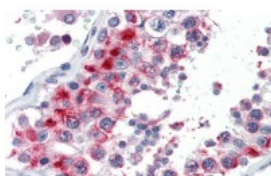


GSC Antibody

CATALOG NUMBER: 25-048



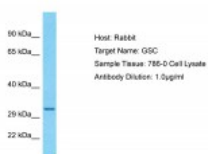
Antibody used in IHC on Human Tonsil at 5.0 ug/ml.



Antibody used in IHC on Human Testis at 5.0 ug/ml.



Antibody used in WB on Human 721_B at 0.2-1 ug/ml.



Antibody used in WB on Human 786-0 at 1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	GSC antibody can be used for detection of GSC by ELISA at 1:12500. GSC antibody can be used for detection of GSC by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) 721_B Cell Lysate
PREDICTED MOLECULAR WEIGHT:	28 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GSC.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml

STORAGE CONDITIONS:	For short periods of storage (days) store at 4°C. For longer periods of storage, store GSC antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GSC,
ACCESSION NO.:	NP_776248
PROTEIN GI NO.:	27777663
OFFICIAL SYMBOL:	GSC
GENE ID:	145258

Background

BACKGROUND:	GSC regulates chordin (CHRD). GSC may play a role in spatial programing within discrete embryonic fields or lineage compartments during organogenesis. This gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins. The encoded protein acts as a transcription factor and may be autoregulatory. A similar protein in mice plays a role in craniofacial and rib cage development during embryogenesis.
REFERENCES:	1) Kohler, A., (2008) Am. J. Med. Genet. A 146 (1), 117-123.

FOR RESEARCH USE ONLY

December 12, 2016