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# anti-GSC antibody (AA 151-257)

**Images** 



#### Overview

Quantity:	100 μL
Target:	GSC
Binding Specificity:	AA 151-257
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSC antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human GSC
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.
Target Details	

Target:	GSC	

# **Target Details**

Alternative Name:	GSC (GSC Products)
Background:	Synonyms: Goosecoid, goosecoid homeobox, GSC, GSC_HUMAN, homeobox protein
	goosecoid-like, homeobox protein goosecoid-2, Homeobox protein goosecoid, GSC 2, GSCL,
	Homeobox protein goosecoid 2, Homeobox protein goosecoid like.
	Background: Goosecoid is a homeodomain transcription factor with DNA binding specificity
	identical to that of the anterior morphogen 'bicoid' in Drosophila. During mouse embryogenesis,
	GSC influences development of the lower mandible and its associated musculature, including
	the tongue, the nasal cavity, and the nasal pits, as well as components of the inner ear and the
	external auditory meatus. The GSC gene encodes a member of the bicoid subfamily of the
	paired (PRD) homeobox family of proteins.
Gene ID:	145258

# Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

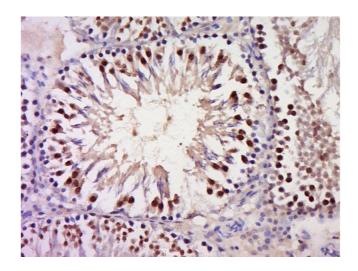
# Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

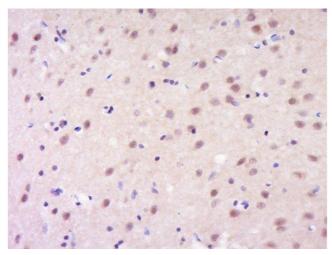
12 months

### **Images**



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat testis, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-GSC Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by a conjugated secondary and DAB staining.



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Paraformaldehyde-fixed, paraffin embedded rat brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-GSC Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by a conjugated secondary and DAB staining.