antibodies

Datasheet for ABIN6741539 anti-GSC antibody (AA 35-84)

3 Images



Overview

Quantity:	100 µL
Target:	GSC
Binding Specificity:	AA 35-84
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa35-84 of human GSC (P56915, NP_776248). Percent
	identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey,
	Marmoset, Tamarin (100%), Galago, Panda, Dog (92%), Elephant (91%), Mouse, Rat (84%).
	Type of Immunogen: Synthetic peptide
lsotype:	IgG
Specificity:	Human GSC
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Dog (92%) Mouse, Rat (84%).
Purification:	Immunoaffinity purified

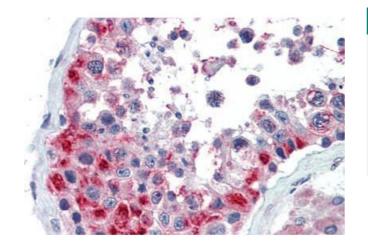
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Target Details	
Target:	GSC
Alternative Name:	GSC / Goosecoid (GSC Products)
Background:	Name/Gene ID: GSC
	Synonyms: GSC, Goosecoid homeobox, Homeobox protein goosecoid, Goosecoid
Gene ID:	145258
NCBI Accession:	NP_776248
UniProt:	P56915
Application Details	
Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 μ g/mL. Western Blot: Suggested dilution at 1 μ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. ELISA titer in peptide based assay: 1:12500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C

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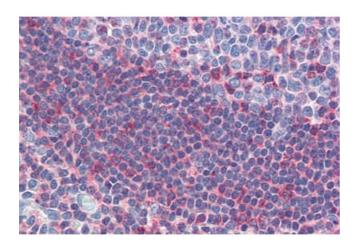
Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



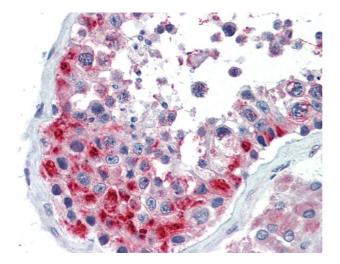
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Testis (formalin-fixed, paraffin-embedded) stained with GSC antibody ABIN462175 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Tonsil (formalin-fixed, paraffin-embedded) stained with GSC antibody ABIN462175 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-GSC antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms ...

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