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GSC Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GSC.
Catalog # AT2267a

Product Information

Application	WB, IHC, IP, E
Primary Accession	P56915
Other Accession	NM_173849
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4H7
Calculated MW	28150

Additional Information

Gene ID	145258
Other Names	Homeobox protein goosecoid, GSC
Target/Specificity	GSC (NP_776248, 151 a.a. ~ 257 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GSC Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

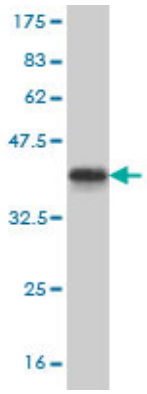
Background

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.

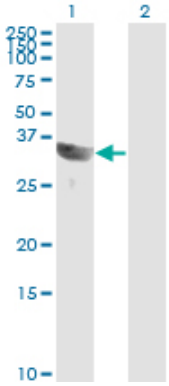
References

1.Generation of pluripotent stem cells from adult human testis.Conrad S, Renninger M, Hennenlotter J, Wiesner T, Just L, Bonin M, Aicher W, Buhring HJ, Mattheus U, Mack A, Wagner HJ, Minger S, Matzkies M, Reppel M, Hescheler J, Sievert KD, Stenzl A, Skutella T.Nature. 2008 Nov 20;456(7220):344-9. Epub 2008 Oct 8.

Images

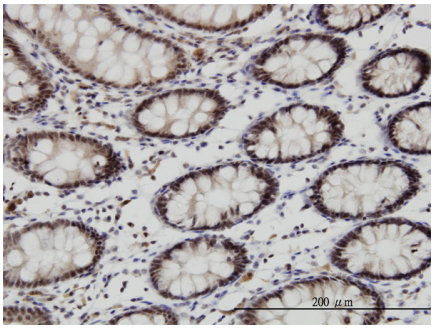


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.51 KDa) .

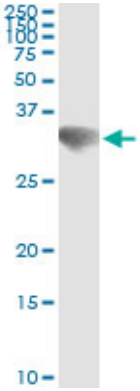


Western Blot analysis of GSC expression in transfected 293T cell line by GSC monoclonal antibody (M01), clone 4H7.

Lane 1: GSC transfected lysate(28.1 KDa).
Lane 2: Non-transfected lysate.

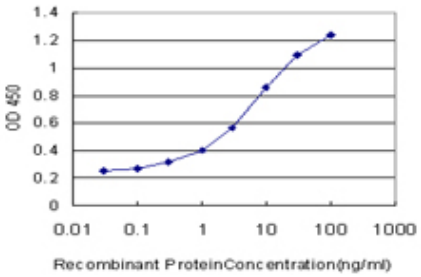


Immunoperoxidase of monoclonal antibody to GSC on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Immunoprecipitation of GSC transfected lysate using anti-GSC monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with GSC MaxPab rabbit polyclonal antibody.

Detection limit for recombinant GST tagged GSC is approximately 0.1ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.