10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

GBX2 Antibody (Center)(Ascites)
Mouse Monoclonal Antibody (Mab)
Catalog # AM1997a

Specification

GBX2 Antibody (Center)(Ascites) - Product Information

Application	**WB,E**
Primary Accession	P52951
Other Accession	P48031, NP_001476.2
Reactivity	**Human**
Predicted	**Mouse**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgM**
Calculated MW	**37348**
Antigen Region	**103-131**

GBX2 Antibody (Center)(Ascites) - Additional Information

Gene ID 2637

Other Names
Homeobox protein GBX-2, Gastrulation and brain-specific homeobox protein 2, GBX2

Target/Specificity
This GBX2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the Central region of human GBX2.

Dilution
WB~~1:4000~64000

Format
Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GBX2 Antibody (Center)(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

GBX2 Antibody (Center)(Ascites) - Protein Information

Name GBX2

Function May act as a transcription factor for cell pluripotency and differentiation in the embryo.

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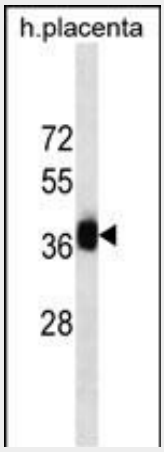
Cellular Location
Nucleus.

GBX2 Antibody (Center)(Ascites) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GBX2 Antibody (Center)(Ascites) - Images



GBX2 Antibody (Center) (Cat. #AM1997a) western blot analysis in human placenta tissue lysates (35µg/lane).This demonstrates the GBX2 antibody detected the GBX2 protein (arrow).

GBX2 Antibody (Center)(Ascites) - Background

GBX2 may act as a transcription factor for cell pluripotency and differentiation in the embryo.

GBX2 Antibody (Center)(Ascites) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Heimbucher, T., et al. Mol. Cell. Biol. 27(1):340-351(2007)
Glinsky, G.V., et al. J. Clin. Invest. 115(6):1503-1521(2005)
Hillier, L.W., et al. Nature 434(7034):724-731(2005)
Gao, A.C., et al. Clin. Cancer Res. 6(2):493-497(2000)