

GBX2 Antibody (Center)
Mouse Monoclonal Antibody (Mab)
Catalog # AM1997b**Specification**

GBX2 Antibody (Center) - 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) - 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~~1:500~1000

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

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) is for research use only and not for use in diagnostic or therapeutic procedures.

GBX2 Antibody (Center) - Protein Information**Name** GBX2**Function** May act as a transcription factor for cell pluripotency and differentiation in the embryo.

Cellular Location

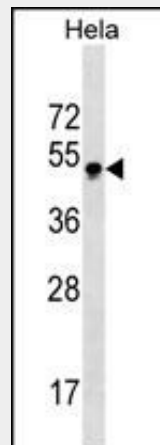
Nucleus.

GBX2 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GBX2 Antibody (Center) - Images



GBX2 Antibody (Center) (Cat. #AM1997b) western blot analysis in HeLa cell line lysates (35µg/lane). This demonstrates the GBX2 antibody detected the GBX2 protein (arrow).

GBX2 Antibody (Center) - Background

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

GBX2 Antibody (Center) - 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)