

**Goat Anti-GBX2 Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF1468a

**Specification**

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**Goat Anti-GBX2 Antibody - Product Information**

|                   |   |
|-------------------|---|
| Application       | WB, IHC   |
| Primary Accession | <a href="#">P52951</a>  |
| Other Accession   | <a href="#">NP_001476</a> , <a href="#">2637</a> , <a href="#">14472 (mouse)</a> , <a href="#">114500 (rat)</a> |
| Reactivity        | Human   |
| Predicted         | Mouse, Rat, Pig, Dog  |
| Host              | Goat  |
| Clonality         | Polyclonal  |
| Concentration     | 100ug/200ul   |
| Isotype           | IgG   |
| Calculated MW     | 37348   |

**Goat Anti-GBX2 Antibody - Additional Information**

**Gene ID** 2637

**Other Names**

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

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-GBX2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-GBX2 Antibody - Protein Information**

**Name** GBX2

**Function**

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

**Cellular Location**

Nucleus.

## Goat Anti-GBX2 Antibody - Protocols

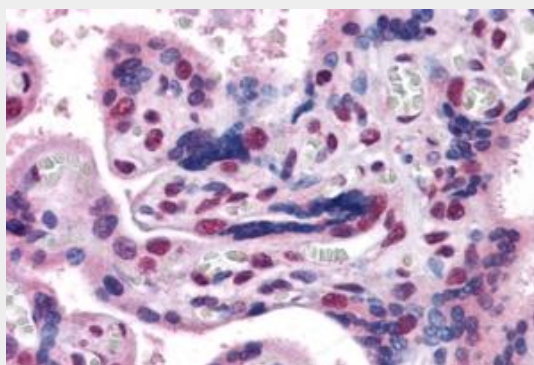
Provided below are standard protocols that you may find useful for product applications.

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

## Goat Anti-GBX2 Antibody - Images



AF1468a (0.1  $\mu\text{g/ml}$ ) staining of Jurkat cell lysate (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1468a (3.8  $\mu\text{g/ml}$ ) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

## Goat Anti-GBX2 Antibody - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. *Genes Immun*, 2010 Apr. PMID 20237496.

Gbx2 and Otx2 interact with the WD40 domain of Groucho/Tle corepressors. Heimbucher T, et al. *Mol Cell Biol*, 2007 Jan. PMID 17060451.

Microarray analysis identifies a death-from-cancer signature predicting therapy failure in patients

with multiple types of cancer. Glinsky GV, et al. J Clin Invest, 2005 Jun. PMID 15931389.  
Generation and annotation of the DNA sequences of human chromosomes 2 and 4. Hillier LW, et al. Nature, 2005 Apr 7. PMID 15815621.  
Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.