

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

Specification

Goat Anti-GBX2 Antibody - Product Information

| | |
|-------------------|---|
| Application | WB, IHC |
| Primary Accession | P52951 |
| Other Accession | NP_001476 , 2637 , 14472 (mouse) , 114500 (rat) |
| 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

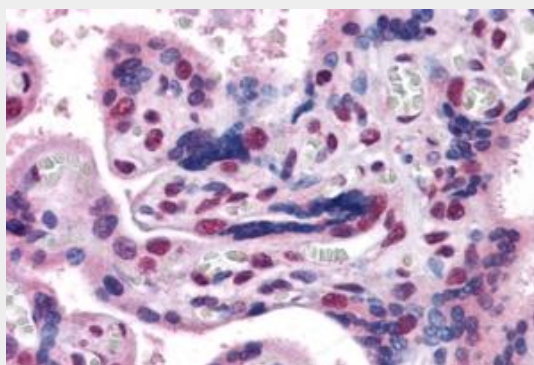
Provided below are standard protocols that you may find useful for product applications.

- [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 μg 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.