

GSX2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18311b**Specification**

GSX2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BZM3
Other Accession	NP_573574.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32031
Antigen Region	243-269

GSX2 Antibody (C-term) - Additional Information**Gene ID** 170825**Other Names**

GS homeobox 2, Homeobox protein GSH-2, GSX2, GSH2

Target/Specificity

This GSX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-269 amino acids from the C-terminal region of human GSX2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

GSX2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GSX2 Antibody (C-term) - Protein Information**Name** GSX2**Synonyms** GSH2

Function Transcription factor that binds 5'-CNAATTAG-3' DNA sequence and regulates the expression of numerous genes including genes important for brain development (PubMed:[31412107](#)). During telencephalic development, causes ventralization of pallial progenitors and, depending on the developmental stage, specifies different neuronal fates. At early stages, necessary and sufficient to correctly specify the ventral lateral ganglionic eminence (LGE) and its major derivatives, the striatal projection neurons. At later stages, may specify LGE progenitors toward dorsal LGE fates, including olfactory bulb interneurons (By similarity).

Cellular Location

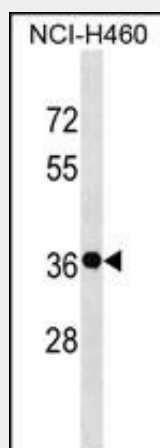
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:31412107}.
Cytoplasm

GSX2 Antibody (C-term) - 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](#)

GSX2 Antibody (C-term) - Images



GSX2 Antibody (C-term) (Cat. #AP18311b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the GSX2 antibody detected the GSX2 protein (arrow).

GSX2 Antibody (C-term) - Background

GSX2 is probable transcription factor that binds to the DNA sequence 5'-CNAATTAG-3' (By similarity).

GSX2 Antibody (C-term) - References

Waclaw, R.R., et al. Neuron 63(4):451-465(2009)
Wu, C., et al. Proteomics 7(11):1775-1785(2007)
Dauwerse, J.G., et al. J. Med. Genet. 39(9):686-688(2002)

Cools, J., et al. Blood 99(5):1776-1784(2002)