

GSX2 Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP18311b

Specification

GSX2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

[O9BZM3](#)

GSX2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 170825

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GSX2 Antibody (C-term) Blocking Peptide - 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](http://www.uniprot.org/citations/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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GSX2 Antibody (C-term) Blocking Peptide - Images

GSX2 Antibody (C-term) Blocking Peptide - Background

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

GSX2 Antibody (C-term) Blocking Peptide - 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)