

GATA5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9505c**Specification**

GATA5 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BW5](#)**GATA5 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 140628**Other Names**

Transcription factor GATA-5, GATA-binding factor 5, GATA5

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.

GATA5 Antibody (Center) Blocking Peptide - Protein Information**Name** GATA5 ([HGNC:15802](#))**Function**

Transcription factor required during cardiovascular development (PubMed:23289003). Plays an important role in the transcriptional program(s) that underlies smooth muscle cell diversity (By similarity). Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer (PubMed:25543888).

Cellular Location

Nucleus.

GATA5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GATA5 Antibody (Center) Blocking Peptide - Images

GATA5 Antibody (Center) Blocking Peptide - Background

GATA5 is a transcription factor that contains two GATA-type zinc fingers. This protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity.

GATA5 Antibody (Center) Blocking Peptide - References

Hellebrekers, D.M., et al. Clin. Cancer Res. 15(12):3990-3997(2009)Fu, B., et al. Cancer Biol. Ther. 6(10):1546-1552(2007)Guo, M., et al. Int. J. Cancer 119(9):2078-2083(2006)Wakana, K., et al. Cancer Lett. 241(2):281-288(2006)