

ZFPM2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16039b

Specification

ZFPM2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q8WW38](#)

ZFPM2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 23414

Other Names

Zinc finger protein ZFPM2, Friend of GATA protein 2, FOG-2, Friend of GATA 2, hFOG-2, Zinc finger protein 89B, Zinc finger protein multitype 2, ZFPM2, FOG2, ZNF89B

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.

ZFPM2 Antibody (C-term) Blocking Peptide - Protein Information

Name ZFPM2

Synonyms FOG2, ZNF89B

Function

Transcription regulator that plays a central role in heart morphogenesis and development of coronary vessels from epicardium, by regulating genes that are essential during cardiogenesis. Essential cofactor that acts via the formation of a heterodimer with transcription factors of the GATA family GATA4, GATA5 and GATA6. Such heterodimer can both activate or repress transcriptional activity, depending on the cell and promoter context. Also required in gonadal differentiation, possibly by regulating expression of SRY. Probably acts a corepressor of NR2F2 (By similarity).

Cellular Location

Nucleus.

Tissue Location

Widely expressed at low level.

ZFPM2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZFPM2 Antibody (C-term) Blocking Peptide - Images

ZFPM2 Antibody (C-term) Blocking Peptide - Background

The zinc finger protein encoded by this gene is a widely expressed member of the FOG family of transcription factors. The family members modulate the activity of GATA family proteins, which are important regulators of hematopoiesis and cardiogenesis in mammals. It has been demonstrated that the protein can both activate and down-regulate expression of GATA-target genes, suggesting different modulation in different promoter contexts. A related mRNA suggests an alternatively spliced product but this information is not yet fully supported by the sequence. [provided by RefSeq].

ZFPM2 Antibody (C-term) Blocking Peptide - References

De Luca, A., et al. Clin. Genet. (2010) In press :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010)
:Hyun, S., et al. Cell 139(6):1096-1108(2009)Rouf, R., et al. Circ. Res. 103(5):493-501(2008)Bleyl, S.B., et al. Eur. J. Hum. Genet. 15(9):950-958(2007)