

ZFPM1 antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI10322

Product Information

Application WB Primary Accession Q8IX07

Other AccessionNM_153813, NP_722520ReactivityHuman, Rat, BovinePredictedChicken, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 104888

Additional Information

Gene ID 161882

Alias Symbol FOG, FOG1, ZNF408, ZNF89A

Other Names Zinc finger protein ZFPM1, Friend of GATA protein 1, FOG-1, Friend of GATA 1,

Zinc finger protein 89A, Zinc finger protein multitype 1, ZFPM1, FOG1, ZFN89A

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-ZFPM1 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions ZFPM1 antibody - middle region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name ZFPM1

Synonyms FOG1, ZFN89A

Function Transcription regulator that plays an essential role in erythroid and

megakaryocytic cell differentiation. Essential cofactor that acts via the formation of a heterodimer with transcription factors of the GATA family GATA1, GATA2 and GATA3. Such heterodimer can both activate or repress transcriptional activity, depending on the cell and promoter context. The heterodimer formed with GATA proteins is essential to activate expression of genes such as NFE2, ITGA2B, alpha- and beta-globin, while it represses expression of KLF1. May be involved in regulation of some genes in gonads.

May also be involved in cardiac development, in a non-redundant way with

ZFPM2/FOG2 (By similarity).

Cellular Location Nucleus.

Tissue Location Mainly expressed in hematopoietic tissues. Also expressed in adult

cerebellum, stomach, lymph node, liver and pancreas Expressed in fetal

heart, liver and spleen

References

Sugiyama, D., (2008) Blood 111 (4), 1924-1932 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-ZFPM1 Antibody Titration: .2-1 ug/ml

ELISA Titer: 1:625

Positive Control: Human Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.