

ZFPM1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10322

Product Information

Application	WB
Primary Accession	Q8IX07
Other Accession	NM_153813 , NP_722520
Reactivity	Human, Rat, Bovine
Predicted	Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104888

Additional Information

Gene ID	161882
Alias Symbol Other Names	FOG, FOG1, ZNF408, ZNF89A 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.

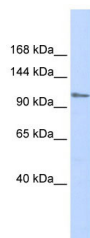
Tissue Location

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'.