

Goat Anti-FAZF / TZFP / ZBTB32 Antibody

Peptide-affinity purified goat antibody Catalog # AF1402a

Specification

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - Product Information

Application WB
Primary Accession O9Y2Y4

Other Accession <u>NP_055198</u>, <u>27033</u>

Reactivity
Host
Clonality
Concentration
Conc

Isotype IgG
Calculated MW 52963

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - Additional Information

Gene ID 27033

Other Names

Zinc finger and BTB domain-containing protein 32, FANCC-interacting protein, Fanconi anemia zinc finger protein, Testis zinc finger protein, Zinc finger protein 538, ZBTB32, FAZF, TZFP, ZNF538

Format

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-FAZF / TZFP / ZBTB32 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - Protein Information

Name ZBTB32

Synonyms FAZF, TZFP, ZNF538

Function

DNA-binding protein that binds to the to a 5'-TGTACAGTGT-3' core sequence. May function as a transcriptional transactivator and transcriptional repressor. Probably exerts its repressor effect by preventing GATA3 from binding to DNA. May play a role in regulating the differentiation and activation of helper T-cells (By similarity).



Cellular Location

Nucleus. Note=Located in nuclear speckles

Tissue Location

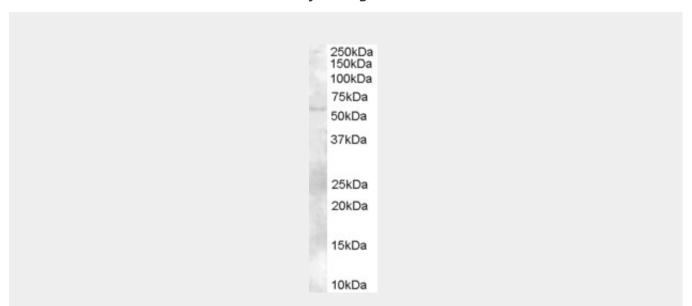
Predominantly expressed in testis. Some isoforms are ubiquitously expressed.

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - Images



AF1402a (2 μ g/ml) staining of Human Bone Marrow lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - References

Insights into strand exchange in BTB domain dimers from the crystal structures of FAZF and Miz1. Stogios PJ, et al. J Mol Biol, 2010 Jul 30. PMID 20493880.

Human endogenous retrovirus protein Rec interacts with the testicular zinc-finger protein and androgen receptor. Kaufmann S, et al. J Gen Virol, 2010 Jun. PMID 20147518.

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A UAF1-containing multisubunit protein complex regulates the Fanconi anemia pathway. Cohn MA, et al. Mol Cell, 2007 Dec 14. PMID 18082604.

Identification of FAZF as a novel BMP2-induced transcription factor during osteoblastic differentiation. Ikeda R, et al. J Cell Biochem, 2007 May 1. PMID 17171645.