

Goat Anti-FAZF / TZFP / ZBTB32 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1402a**Specification**

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

Application	WB, E
Primary Accession	O9Y2Y4
Other Accession	NP_055198 , 27033
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-FAZF / TZFP / ZBTB32 Antibody - Images

AF1402a (2 µg/ml) staining of Human Bone Marrow lysate (35 µg 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.

Shifted Transversal Design smart-pooling for high coverage interactome mapping. Xin X, et al. Genome Res, 2009 Jul. PMID 19447967.

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.