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JAZF1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11693a

Product Information

Application	WB, FC, E
Primary Accession	Q86VZ6
Other Accession	Q80ZQ5, NP_778231.2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19181
Calculated MW	27079
Antigen Region	22-49

Additional Information

Gene ID	221895
Other Names	Juxtaposed with another zinc finger protein 1, TAK1-interacting protein 27, Zinc finger protein 802, JAZF1, TIP27, ZNF802
Target/Specificity	This JAZF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-49 amino acids from the N-terminal region of human JAZF1.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	JAZF1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	JAZF1 (HGNC:28917)
Synonyms	TIP27, ZNF802

Function	Acts as a transcriptional corepressor of orphan nuclear receptor NR2C2 (PubMed:15302918). Inhibits expression of the gluconeogenesis enzyme PCK2 through inhibition of NR2C2 activity (By similarity). Also involved in transcriptional activation of NAMPT by promoting expression of PPARA and PPARD (By similarity). Plays a role in lipid metabolism by suppressing lipogenesis, increasing lipolysis and decreasing lipid accumulation in adipose tissue (By similarity). Plays a role in glucose homeostasis by improving glucose metabolism and insulin sensitivity (By similarity).
Cellular Location	Nucleus.
Tissue Location	Highest expression in testis with moderate levels in colon, placenta, prostate and ovary and low levels in brain, spleen, liver and small intestine.

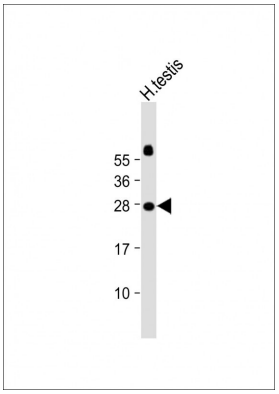
Background

This gene encodes a nuclear protein with three C2H2-type zinc fingers, and functions as a transcriptional repressor. Chromosomal aberrations involving this gene are associated with endometrial stromal tumors. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized

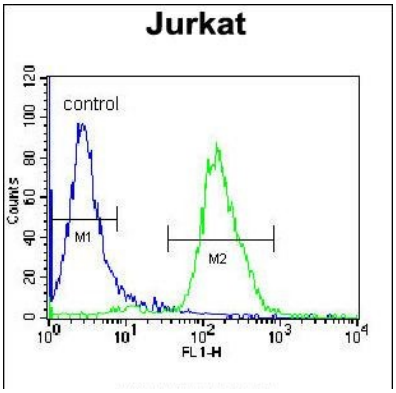
References

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Liu, H., et al. Prostate (2010) In press :
Voight, B.F., et al. Nat. Genet. 42(7):579-589(2010)
Gallagher, D.J., et al. Clin. Cancer Res. 16(10):2819-2832(2010)
Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) :

Images



Anti-JAZF1 Antibody (C-Term) at 1:2000 dilution + Human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



JAZF1 Antibody (N-term) (Cat. #AP11693a) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

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