

ARG41948 anti-JAZF1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes JAZF1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Rb, Zfsh
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	JAZF1
Species	Human
Immunogen	Synthetic peptide around the C-terminal region of Human JAZF1. (within the following region: KKRYK NVNGI KYHAK NGHRT QIRVR KPFKC RCGKS YKTAQ GLRHH TINFH)
Conjugation	Un-conjugated
Alternate Names	TAK1-interacting protein 27; Zinc finger protein 802; Juxtaposed with another zinc finger protein 1; ZNF802; TIP27

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%						
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>IHC-P</td><td>5 µg/ml</td></tr> <tr> <td>WB</td><td>1 µg/ml</td></tr> </table>	Application	Dilution	IHC-P	5 µg/ml	WB	1 µg/ml
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IHC-P	5 µg/ml						
WB	1 µg/ml						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						
Positive Control	293T whole cell						
Observed Size	~ 29 kDa						

Properties

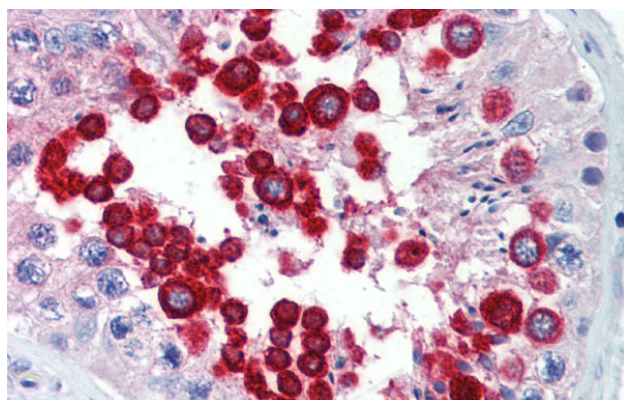
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose

Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

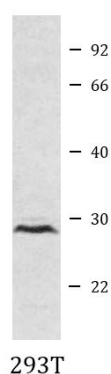
Gene Symbol	JAZF1
Gene Full Name	JAZF zinc finger 1
Background	This gene encodes a nuclear protein with three C2H2-type zinc fingers, and functions as a transcriptional repressor. Chromosomal aberrations involving this gene are associated with endometrial stromal tumors. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized [provided by RefSeq, Jul 2008]
Function	Acts as a transcriptional corepressor of orphan nuclear receptor NR2C2. 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 PPARG and PPARG (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). [UniProt]
Calculated Mw	27 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41948 anti-JAZF1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue stained with ARG41948 anti-JAZF1 antibody at 5 µg/ml dilution.



ARG41948 anti-JAZF1 antibody WB image

Western blot: 293T whole cell lysate stained with ARG41948 anti-JAZF1 antibody at 1 µg/ml dilution.