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ZNF318 Rabbit pAb

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Catalog # AP54492

Product Information

Primary Accession	Q5VUA4
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	251112
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF318
Epitope Specificity	1077-1125/2279
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ZNF318 is a 2279 amino acid endocrine regulatory protein that localizes to the nucleus. Highly expressed in testis, ovaries and kidneys, ZNF318 is a co-repressor of androgen receptor (AR)-mediated transcriptional activation and is thought to regulate transcription during spermatogenesis. ZNF318 interacts with the N-terminal domain of AR and contains two matrin-type zinc fingers. Two isoforms of ZNF318, designated TZF and TZF-L, are produced due to alternative splicing events. Each of these splice variants are thought to have unique roles in transcriptional regulation. While the TZF isoform functions as a repressor of AR-mediated transcriptional activation, the TZF-L isoform is thought to enhance AR-mediated transcriptional activation.

Additional Information

Gene ID	24149
Other Names	Zinc finger protein 318, Endocrine regulatory protein, ZNF318
Dilution	ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ZNF318
Function	[Isoform 2]: Acts as a transcriptional corepressor for AR- mediated transactivation function. May act as a transcriptional regulator during spermatogenesis and, in particular, during meiotic division.
Cellular Location	Nucleus.
Tissue Location	Expressed in endocrine tissue. {ECO:0000269|Ref.1}.

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