

ZAN Rabbit pAb

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Catalog # AP55194

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9Y493
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	305630
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZAN
Epitope Specificity	201-300/2812
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	Cell membrane. Exclusively on the apical region of the sperm head.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a sperm membrane protein that binds the zona pellucida of the egg in a species-specific manner. The encoded protein may be involved in signaling or gamete recognition. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	7455
Other Names	Zonadhesin, ZAN
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	ZAN
Function	Binds in a species-specific manner to the zona pellucida of the egg. May be

involved in gamete recognition and/or signaling.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Note=Exclusively on the apical region of the sperm head

Tissue Location

In testis, primarily in haploid spermatids.

Background

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