

For Research Use Only

# ZAN Polyclonal antibody

Catalog Number: 33956-1-AP



## Basic Information

Catalog Number:

33956-1-AP

Size:

150ul , Concentration: 280 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35843

GenBank Accession Number:

NM\_003386

GeneID (NCBI):

7455

UNIPROT ID:

Q9Y493

Full Name:

zonadhesin

Calculated MW:

305kDa

Observed MW:

230 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:1000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, mouse testis tissue

IP : mouse testis tissue,

## Background Information

ZAN (Zonadhesin) is a sperm-specific type-I transmembrane glycoprotein essential for species-restricted binding between spermatozoa and the egg's zona pellucida. First isolated from boar sperm, it is expressed solely in post-meiotic male germ cells (early spermatids) and localises to the apical segment of the sperm head.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

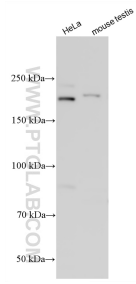
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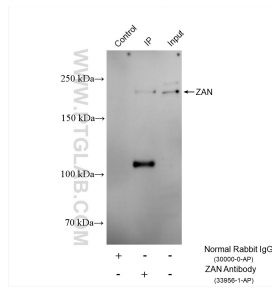
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33956-1-AP (ZAN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-ZAN (IP:33956-1-AP, 4ug; Detection:33956-1-AP 1:800) with mouse testis tissue lysate 1520 ug.