

For Research Use Only

# C19orf36 Polyclonal antibody

Catalog Number: 25650-1-AP

1 Publications



## Basic Information

### Catalog Number:

25650-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 413 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20434

### GenBank Accession Number:

BC014609

### GeneID (NCBI):

113177

### UNIPROT ID:

Q1ZYL8

### Full Name:

chromosome 19 open reading frame 36

### Calculated MW:

232 aa, 27 kDa

### Observed MW:

27-30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

bovine

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse testis tissue, HepG2 cells

IHC : mouse testis tissue, human testis tissue

IF/ICC : HepG2 cells,

## Background Information

IZUMO4, also named as C19orf36, is sperm 22 kDa protein c113. It has 4 isoforms with MW 17-27 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Na Wang	35870621	Int J Biol Macromol	IF, WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

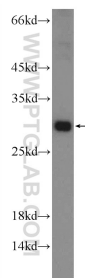
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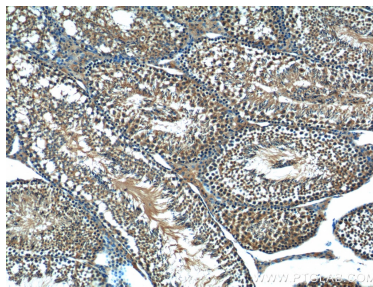
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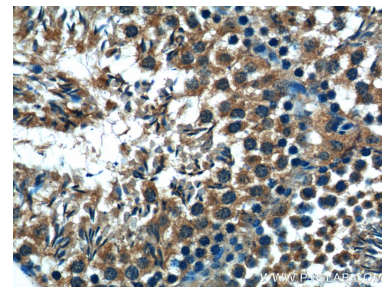
## Selected Validation Data



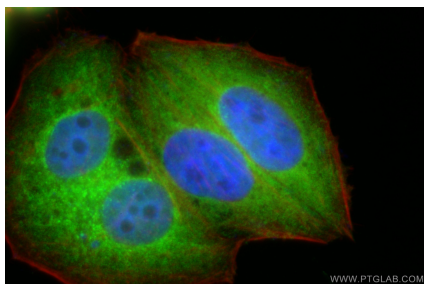
mouse testis tissue were subjected to SDS PAGE followed by western blot with 25650-1-AP (C19orf36 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25650-1-AP (C19orf36 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25650-1-AP (C19orf36 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using C19orf36 antibody (25650-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).