

For Research Use Only

# USH1G Polyclonal antibody

Catalog Number: 21936-1-AP



## Basic Information

<b>Catalog Number:</b> 21936-1-AP	<b>GenBank Accession Number:</b> BC101099	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop and 420 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 124590	<b>Recommended Dilutions:</b> IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> Usher syndrome 1G (autosomal recessive)	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 461 aa, 51 kDa	
<b>Immunogen Catalog Number:</b> AG16571	<b>Observed MW:</b> 52-55 kDa	

## Applications

### Tested Applications:

IHC, IP, ELISA

### Species Specificity:

Mouse

**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:

IP : NIH/3T3 cells,

IHC : mouse testis tissue, mouse brain tissue

## Background Information

### 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

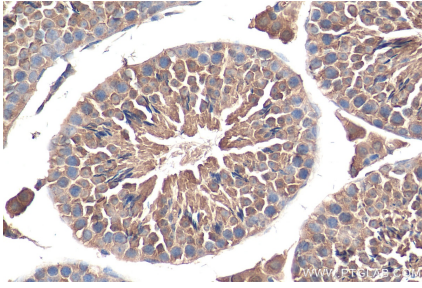
For technical support and original validation data for this product please contact:

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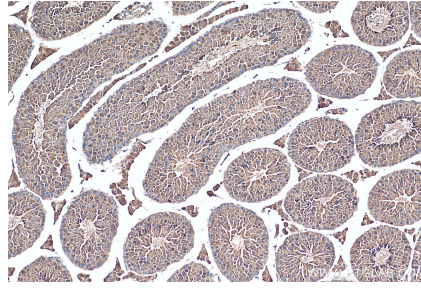
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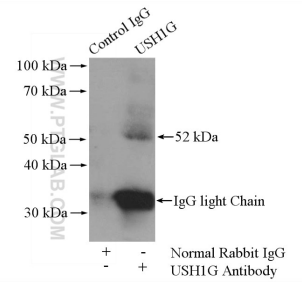
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 21936-1-AP (USH1G antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 21936-1-AP (USH1G antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-USH1G (IP:21936-1-AP, 4ug; Detection:21936-1-AP 1:500) with NIH/3T3 cells lysate 1200ug.