

For Research Use Only

# C1orf116 Polyclonal antibody

Catalog Number: 14888-1-AP

2 Publications



## Basic Information

### Catalog Number:

14888-1-AP

### Size:

150ul, Concentration: 180 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6675

### GenBank Accession Number:

BC000765

### GeneID (NCBI):

79098

### UNIPROT ID:

Q9BW04

### Full Name:

chromosome 1 open reading frame

116

### Calculated MW:

64 kDa

### Observed MW:

64 kDa, 38 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : PC-3 cells, mouse testis tissue

IHC : human stomach tissue, human brown disease

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

## Background Information

Specifically androgen-regulated gene protein (SARG), encoded by C1orf116, is a 601-aa protein considered putative androgen-specific receptor. SARG mRNA is highly expressed in prostate and can be up-regulated by androgens, but not by glucocorticoids. Little is known about the function of SARG to date. Two isoforms of SARG are produced by alternative splicing encoding 64 kDa and 38 kDa proteins, and both isoforms can be recognized by this antibody 14888-1-AP.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shuai-Jun Xu	35769717	Front Oncol	WB, IHC
Diana Drago-Garcia	40261955	Sci Signal	WB

## 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

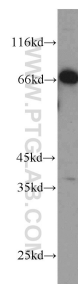
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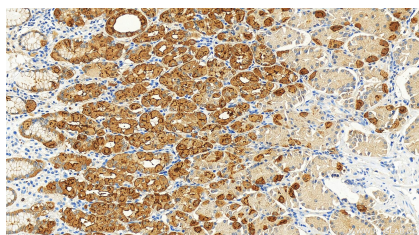
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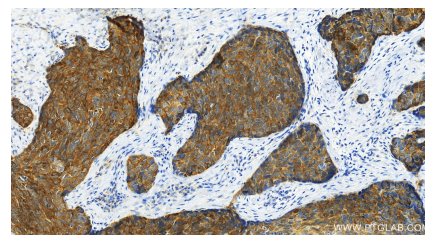
## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 14888-1-AP (C1orf116 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 14888-1-AP (C1orf116 antibody) at dilution of 1:160 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brown disease slide using 14888-1-AP (C1orf116 antibody) at dilution of 1:160 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).