

For Research Use Only

C1orf116 Polyclonal antibody

Catalog Number: 14888-1-AP

2 Publications



Basic Information

Catalog Number:

14888-1-AP

Concentration:

300 ug/ml

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

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 : PC-3 cells, mouse testis tissue

IHC : human stomach tissue, human brown disease

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

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

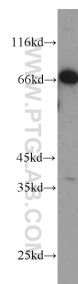
T: 4006900926

E: Proteintech-CN@ptglab.com

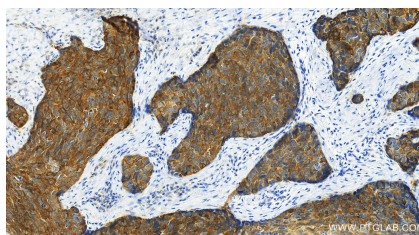
W: ptgcn.com

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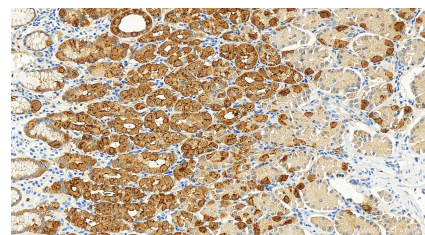
Selected Validation Data



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 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).



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).