

For Research Use Only

ACRV1 Polyclonal ANTIBODY



Catalog Number: 14040-1-AP

1 Publications

Basic Information

Catalog Number:
14040-1-AP

Size:
22 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG5109

GenBank Accession Number:
BC014588

GeneID (NCBI):
56

Full Name:
acrosomal vesicle protein 1

Calculated MW:
28 kDa

Observed MW:
13-36 kDa

Recommended Dilutions:

WB : 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:1000-1:4000 for WB

IHC : 1:50-1:500

IF : 1:20-1:200

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF

Species Specificity:
human

Cited Species:
mouse

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

Positive Controls:

WB : DU 145 cells; LNCaP cells, PC-3 cells

IP : DU 145 cells;

IHC : human testis tissue;

IF : PC-3 cells;

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Deqiang Ding	29317670	Nat Commun	IF
Deqiang Ding	30590800	Nucleic Acids Res	IF

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

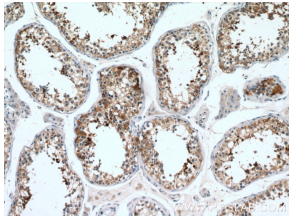
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

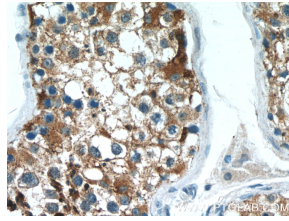
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

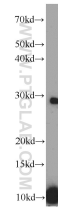
Selected Validation Data



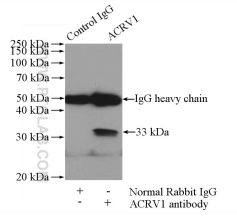
Immunohistochemistry of paraffin-embedded human testis tissue slide using 14040-1-AP (ACRV1 antibody) at dilution of 1:200 (under 10x lens).



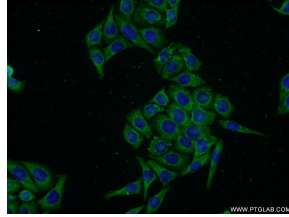
Immunohistochemistry of paraffin-embedded human testis tissue slide using 14040-1-AP (ACRV1 antibody) at dilution of 1:200 (under 40x lens).



DU 145 cells were subjected to SDS PAGE followed by western blot with 14040-1-AP(ACRV1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours



IP Result of anti-ACRV1 (IP:14040-1-AP, 3ug; Detection:14040-1-AP 1:2000) with DU 145 cells lysate 560ug.



Immunofluorescent analysis of PC-3 cells using 14040-1-AP(ACRV1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)