

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ACRV1



Numéro de catalogue: 14040-1-AP

6 Publications

Informations de base

Numéro de catalogue:

14040-1-AP

Taille:

150ul, Concentration: 240 µg/ml by Nanodrop and 147 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5109

Numéro d'acquisition GenBank:

BC014588

Identification du gène (NCBI):

56

Nom complet:

acrosomal vesicle protein 1

MW calculé

28 kDa

MW observés:

13-36 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

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

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC

Spécificité de l'espèce:

Humain

Espèces citées:

rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules DU 145, cellules LNCaP, cellules PC-3

IP : cellules DU 145,

IHC : tissu testiculaire humain,

IF : cellules PC-3,

Informations générales

The protein ACRV1, also known as SP-10, is an acrosomal matrix protein, which is evolutionarily conserved among mammals. It is associated with the matrix of the acrosomal vesicle in developing spermatids and the acrosomal matrix and membranes of ejaculated sperm (PMID: 8288254). Human ACRV1 protein has 11 isoforms, and molecular weight ranges from 9 to 28 kDa. ACRV1 was predominantly located in round and elongated spermatids in the testis, indicating that ACRV1 may play an important role in mammalian spermatogenesis and may be a target of a contraceptive vaccine (PMID: 21488928; 8874713).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ran Yang	36214638	Bioinformatics	IF
Vitória Frias Batista	35086406	Syst Biol Reprod Med	IF
Deqiang Ding	29317670	Nat Commun	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

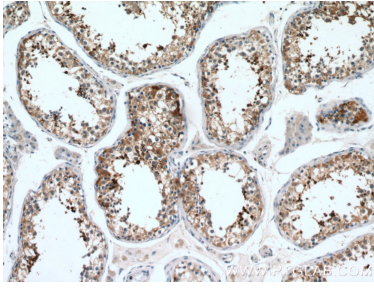
For technical support and original validation data for this product please contact:

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

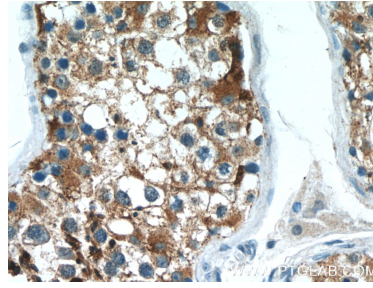
E: proteintech@ptglab.com
W: ptglab.com

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

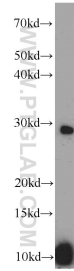
Données de validation sélectionnées



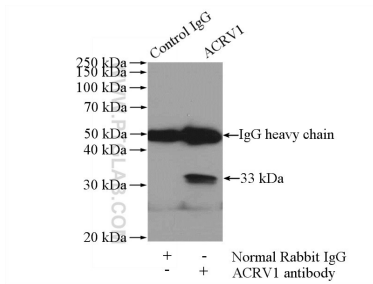
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14040-1-AP (ACRV1 antibody) at dilution of 1:200 (under 10x lens).



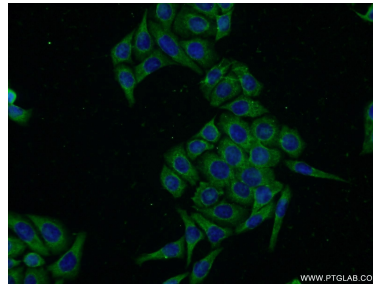
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14040-1-AP (ACRV1 antibody) at dilution of 1:200 (under 40x lens).



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).