

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ACPP

Numéro de catalogue: 60176-1-Ig **1 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 60176-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC007460	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 1300 µg/ml by 55 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> acid phosphatase, prostate	<b>CloneNo.:</b> 1G2C9
<b>Hôte:</b> Mouse	<b>Nom complet:</b> acid phosphatase, prostate	<b>Dilutions recommandées:</b> WB 1:200-1:1000 IHC 1:20-1:200 IF 1:200-1:800
<b>Isotype:</b> IgG2a	<b>MW calculé:</b> 418 aa, 48 kDa	
<b>Immunogen Catalog Number:</b> AG8578	<b>MW observés:</b> 45-50 kDa	

## Applications

<b>Applications testées:</b> IF, IHC, WB, ELISA	<b>Contrôles positifs:</b> WB : tissu testiculaire humain, IHC : tissu d'hyperplasie de la prostate humain, IF : tissu de cancer de la prostate humain,
<b>Demandes citées:</b> WB	
<b>Spécificité de l'espèce:</b> Humain, rat	
<b>Espèces citées:</b> Humain	
<b>Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.</b>	

## Informations générales

ACPP is also named as PAP(prostatic acid phosphatase),5'-nucleotidase,thiamine monophosphatas and Belongs to the histidine acid phosphatase family.This enzyme is a homodimeric glycoprotein with a subunit molecular mass of 50 kDa and is an androgen-stimulated secretory product of the human prostate gland(PMID:8132635).It is also a non-specific phosphatase and has been implicated in the progression of prostate cancer, which inactivates LPA in human seminal plasma(PMID:15280042). This protein has three glycosylation sites(PMID:10639192;12525165).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Chong Wang	35185790	Front Endocrinol (Lausanne)	WB

## Stockage

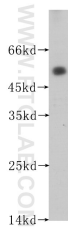
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

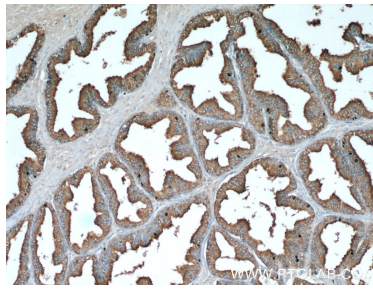
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

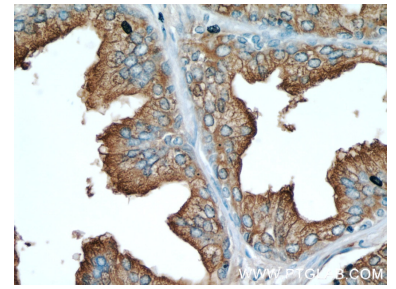
## Données de validation sélectionnées



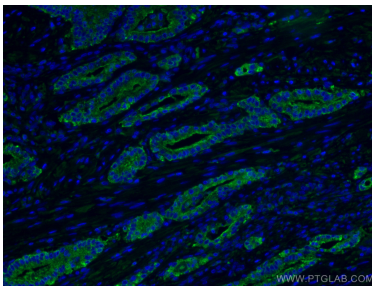
human testis tissue were subjected to SDS PAGE followed by western blot with 60176-1-Ig (ACPP antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



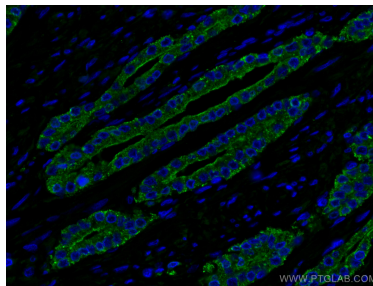
Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia using 60176-1-Ig(ACPP antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia using 60176-1-Ig(ACPP antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using ACPP antibody (60176-1-Ig, Clone: 1G2C9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using ACPP antibody (60176-1-Ig, Clone: 1G2C9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).