À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AQP1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:20333-1-AP 51 Publications

Informations de base

Numéro de catalogue:
20333-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG14093

Numéro d'acquisition GenBank:
BC022486

Identification du gène (NCBI):
358

Nom complet:
aquaporin 1 (Colton blood group)

MW calculé
269 aa, 29 kDa

MW observés:
25-28 kDa, 40-45 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB
IHC 1:250-1:1000
IF 1:50-1:500

Applications

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

Demandes citées:
FC, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
bovin, canin, Chèvre, Humain, porc, 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 : tissu de muscle squelettique de souris, muscle squelettique de rat, rein de rat, rein de souris, tissu cardiaque humain

IP : tissu de muscle squelettique de souris,

IHC : tissu de cancer du sein humain, tissu rénal humain

IF : tissu de cancer du sein humain, tissu rénal de souris

Informations générales

AQP1 is a member of aquaporins (AQPs) that are small membrane-spanning proteins facilitating water transport. AQP1 is expressed in most tissues in the mammalian body. Alterations of AQP1 expression have been linked to variety of diseases, including cancer. The predicted molecular weight of AQP1 is around 28 kDa, while highly glycosylated form can also be observed around 40-45 kDa. (1530176)

Publications notables

Autrice	Pubmed ID	Journal	Application
Jianping Zhang	31572217	Front Physiol	WB,IHC
Haiyan Fu, Yuan	34622165	iScience	IF
Yi Song	36316968	Cell Prolif	IF

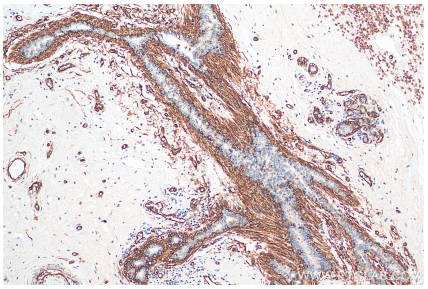
Stockage

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

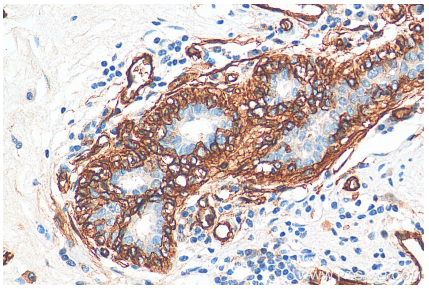
***** Les 20ul contiennent 0,1% de BSA.**

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

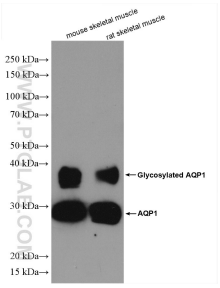
Données de validation sélectionnées



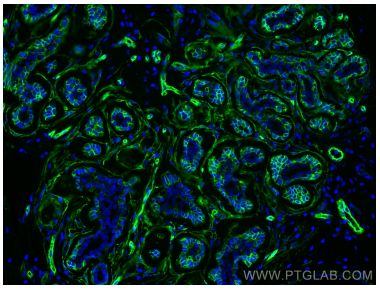
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20333-1-AP (AQP1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



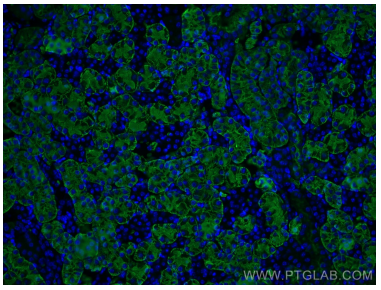
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20333-1-AP (AQP1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



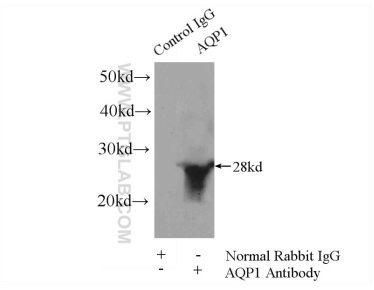
Various lysates were subjected to SDS PAGE followed by western blot with 20333-1-AP (AQP1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



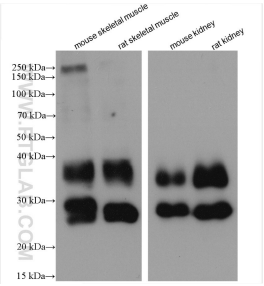
Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using AQP1 antibody (20333-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using AQP1 antibody (20333-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-AQP1 (IP:20333-1-AP, 4ug; Detection:20333-1-AP 1:1500) with mouse skeletal muscle tissue lysate 3600ug.



Various lysates were subjected to SDS PAGE followed by western blot with 20333-1-AP (AQP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.