À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ABCG1

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:13578-1-AP Phare 35 Publications

Informations de base

Numéro de catalogue:
13578-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop and 240 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4479

Numéro d'acquisition GenBank:
BC029158

Identification du gène (NCBI):
9619

Nom complet:
ATP-binding cassette, sub-family G (WHITE), member 1

MW calculé
678 aa, 76 kDa

MW observés:
75 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 1:500-1:2000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, 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 HUVEC, cellules HeLa, cellules HepG2, cellules RAW 264.7, tissu rénal de rat, tissu rénal de souris

IP : tissu cérébral de souris,

IHC : tissu placentaire de souris, tissu d'amygdalite humain, tissu de cancer du col de l'utérus humain

Informations générales

ABCG1 is a cholesterol and phospholipid transporter expressed in lung, brain, spleen, and macrophages. In liver, ABCG1 is expressed mainly in Kupffer cells. The monomer of ABCG1 is around 60-65 kDa, while multiple forms of ABCG1 can be observed on SDS-PAGE, including 130 kDa (dimer), 90-95 kDa, 110 kDa. It was not clear whether the glycosylation or splicing accounts for the differences in mass. (PMID: 16702602)

Publications notables

Autrice	Pubmed ID	Journal	Application
Xuan He	30218721	Life Sci	WB
Ling Zhang	27365310	Biochim Biophys Acta	WB,IF
Ying Luo	31667852	J Sci Food Agric	WB

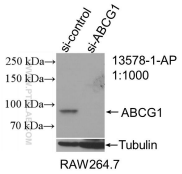
Stockage

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

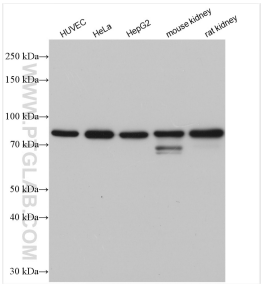
*** Les 20ul contiennent 0,1% de BSA.

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

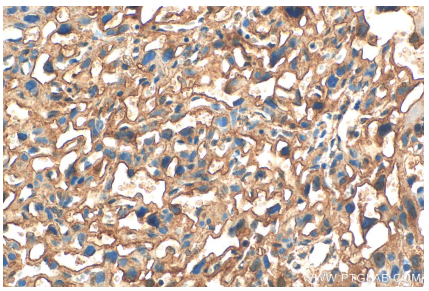
Données de validation sélectionnées



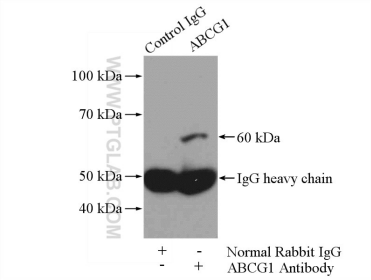
WB result of ABCG1 antibody (13578-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ABCG1 transfected RAW 264.7 cells.



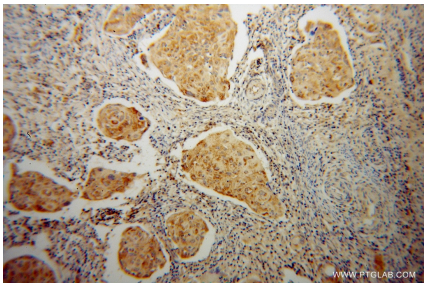
Various lysates were subjected to SDS PAGE followed by western blot with 13578-1-AP (ABCG1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



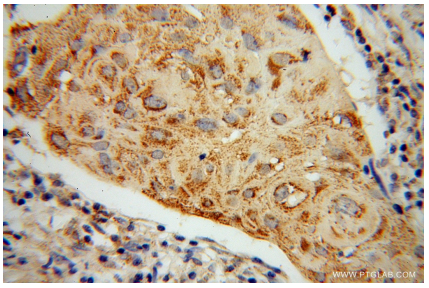
Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 13578-1-AP (ABCG1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



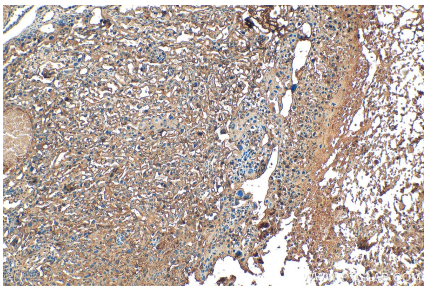
IP Result of anti-ABCG1 (IP:13578-1-AP, 4ug; Detection:13578-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13578-1-AP (ABCG1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13578-1-AP (ABCG1 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 13578-1-AP (ABCG1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).