

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EPHX2



Numéro de catalogue: 10833-1-AP

Phare

9 Publications

Informations de base

Numéro de catalogue:
10833-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1283

Numéro d'acquisition GenBank:
BC013874

Identification du gène (NCBI):
2053

Nom complet:
epoxide hydrolase 2, cytoplasmic

MW calculé
63 kDa

MW observés:
63 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

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

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, poulet, 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 HEK-293, cellules A549, cellules HEK-293T, tissu de cervelet de rat, tissu de côlon de souris

IP : tissu de gros intestin de souris, cellules HEK-293

IHC : tissu de cancer du côlon humain, tissu cérébral de souris

IF : cellules HEK-293,

Informations générales

EPHX2(Epoxide hydrolase 2) acts on epoxides (alkene oxides, oxiranes) and arene oxides and plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. A number of single nucleotide polymorphisms (SNPs) in human EPHX2 have been linked to cardiovascular disease risk, including increased risk of coronary heart disease, hyperlipoproteinemia, and type-2 diabetes (PMID: 14732757, 16595607, 14673705, 15845398, 17460077). It was observed in many tissues with the band of 63 kDa in the western blot. It has also been reported that the N-terminal domain might promote dimerization of EPHX2 (PMID:21553642).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yiran Zhou	35433439	Front Oncol	WB, IHC
Xiaoming Zhu	35344709	Biochem Biophys Res Commun	WB
Shan Lu	35236335	BMC Complement Med Ther	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.

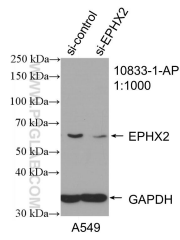
For technical support and original validation data for this product please contact:

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

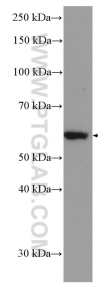
E: proteintech@ptglab.com
W: ptglab.com

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

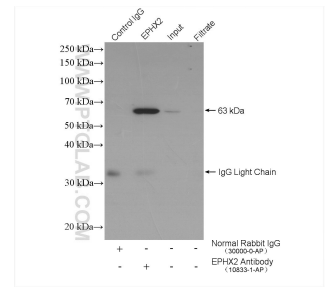
Données de validation sélectionnées



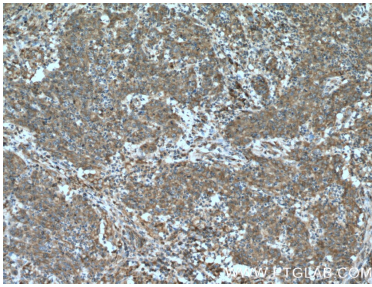
WB result of EPHX2 antibody (10833-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPHX2 transfected A549 cells.



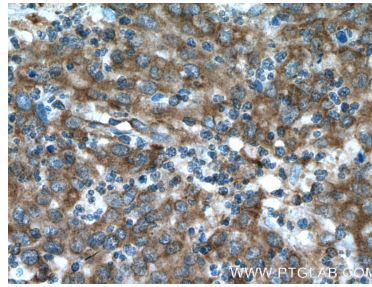
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10833-1-AP (EPHX2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



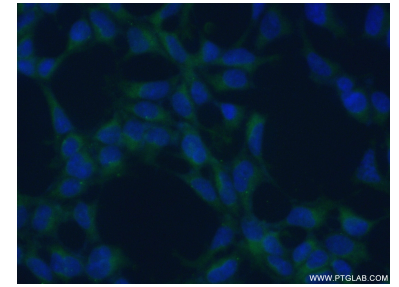
IP result of anti-EPHX2 (IP:10833-1-AP, 4ug; Detection:10833-1-AP 1:300) with mouse large intestine tissue lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10833-1-AP (EPHX2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10833-1-AP (EPHX2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 10833-1-AP (EPHX2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).