Nur für Forschungszwecke

EPHX2 Polyklonaler Antikörper

Katalog-Nr.:10833-1-AP Vorgestelltes Produkt 8 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
10833-1-AP

Größe:
150ul , Konzentration: 500 μg/ml von Nanodrop und 453 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1283

GenBank-Zugangsnummer:
BC013874

GeneID (NCBI):
2053

Vollständiger Name:
epoxide hydrolase 2, cytoplasmic

Berechneté Masse:
63 kDa

Beobachteté Masse:
63 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:1000
IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB,ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Huhn, Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HEK-293-Zellen, A549-Zellen, HEK-293T-Zellen, Maus-Kolongewebe, Ratten-Cerebellum-Gewebe

IP : Maus-Dickdarmgewebe, HEK-293-Zellen

IHC : humanes Kolonkarzinomgewebe, Maushirngewebe

IF : HEK-293-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

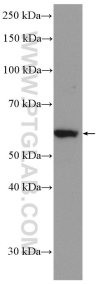
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

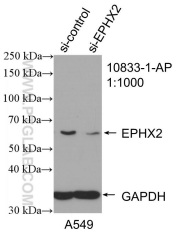
*** 20ul-Größen enthalten 0.1% BSA

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

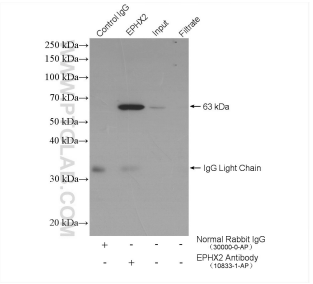
Ausgewählte Validierungsdaten



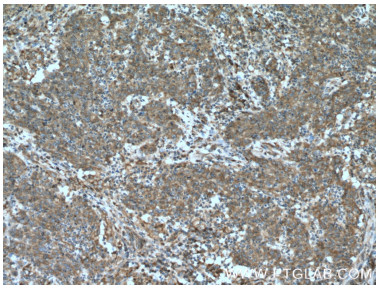
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10833-1-AP (EPHX2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



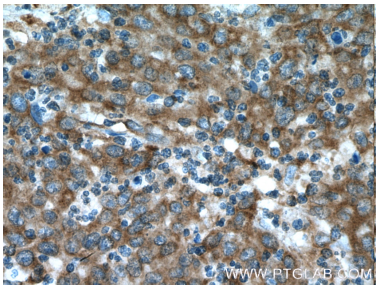
WB result of EPHX2 antibody (10833-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPHX2 transfected A549 cells.



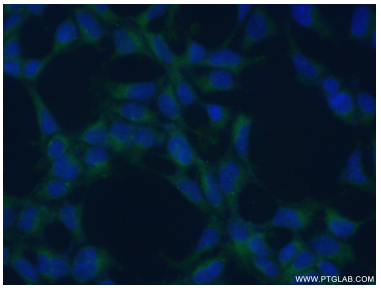
IP result of anti-EPHX2 (IP:10833-1-AP, 4ug; Detection:10833-1-AP 1:300) with mouse large intestine tissue lysate 3200 ug.



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).