À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FMO5

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:13699-1-AP Phare 3 Publications

Informations de base

Numéro de catalogue:
13699-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 200 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4604

Numéro d'acquisition GenBank:
BC035687

Identification du gène (NCBI):
2330

Nom complet:
flavin containing monooxygenase 5

MW calculé
533 aa, 60 kDa

MW observés:
60 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2400
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:100-1:400

Applications

Applications testées:
IHC, IP, WB,ELISA

Demandes citées:
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 : tissu hépatique humain, tissu pulmonaire de souris

IP : tissu pulmonaire de souris,

IHC : tissu de cancer du sein humain,

Informations générales

Microsomal flavin-containing monooxygenases (FMOs) [dimethylaniline monooxygenase (N-oxide forming) catalyze the FAD-, NADPH- and O2-dependent oxidation of a large number of structurally diverse compounds, including drugs, pesticides, and industrial chemicals containing a soft nucleophile(PMID:12488558). FMO5, which belongs to the FMO family, is a lesser component of human liver microsomes and is present at about one-third the level of FMO3. FMO5 protein is also present at very low levels in kidney, however, FMO5 exhibits a severely restricted substrate specificity for most drugs and other xenobiotics examined to date(PMID:10950857). It has 2 isoforms produced by alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Min Chen	31515204	Drug Metab Dispos	WB
Sandra G Gonzalez Malagon	26049045	Biochem Pharmacol	WB
Shijiao Huang	33644069	Front Cell Dev Biol	WB

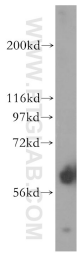
Stockage

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

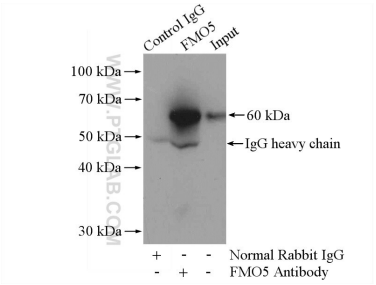
*** Les 20ul contiennent 0,1% de BSA.

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

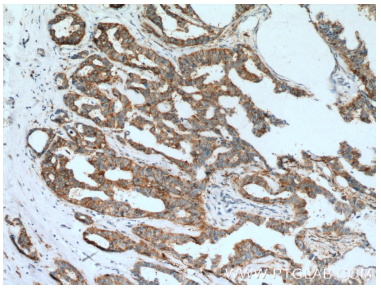
Données de validation sélectionnées



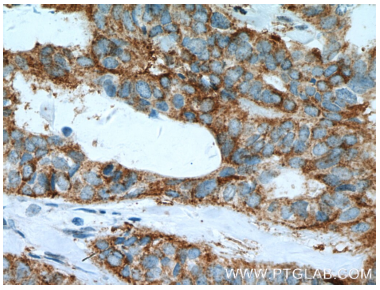
human liver tissue were subjected to SDS PAGE followed by western blot with 13699-1-AP (FMO5 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



IP Result of anti-FMO5 (IP:13699-1-AP, 4ug; Detection:13699-1-AP 1:500) with mouse lung tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13699-1-AP (FMO5 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 breast cancer tissue slide using 13699-1-AP (FMO5 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).