

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GSNOR,ADH5



Numéro de catalogue:16379-1-AP

Phare

1 Publications

Informations de base

Numéro de catalogue:
16379-1-AP

Taille:
150ul , Concentration: 170 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9360

Numéro d'acquisition GenBank:
BC014665

Identification du gène (NCBI):
128

Nom complet:
alcohol dehydrogenase 5 (class III),
chi polypeptide

MW calculé
374 aa, 40 kDa

MW observés:
40 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 1:500-1:1000
for WB
IF 1:20-1:200

Applications

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

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Contrôles positifs:

WB : tissu hépatique de souris, cellules HepG2, tissu cardiaque de souris, tissu cérébral de souris, tissu cérébral humain, tissu hépatique humain, tissu testiculaire humain

IP : tissu hépatique de souris,

IF : cellules HepG2,

Informations générales

ADH5, also named as ADHX, FDH FALDH GSH-FDH ADH3 and GSNOR, belongs to the zinc-containing alcohol dehydrogenase family and Class-III subfamily. It is remarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione. ADH5 mediates multiple cardiovascular functions. It plays in regulating heterocellular communication in the artery wall. (PMID:21071693). ADH5 immunostaining is distributed in both the nucleus and cytoplasm of the retinal ganglion cells(PMID:22117533).

Publications notables

Autrice	Pubmed ID	Journal	Application
Michele Pietrafesa	31878280	Int J Mol Sci	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.

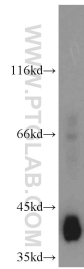
For technical support and original validation data for this product please contact:

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

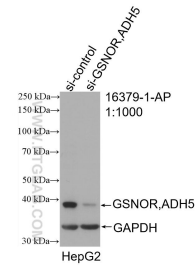
E: proteintech@ptglab.com
W: ptglab.com

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

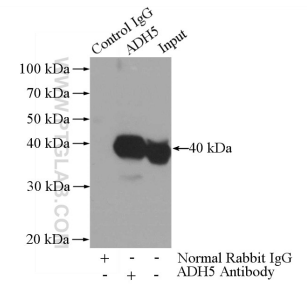
Données de validation sélectionnées



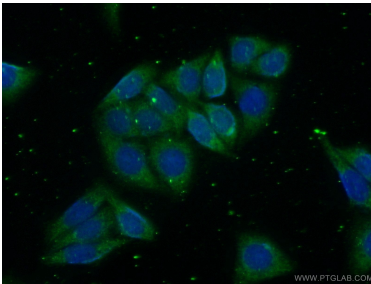
mouse liver tissue were subjected to SDS PAGE followed by western blot with 16379-1-AP (GSNOR,ADH5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



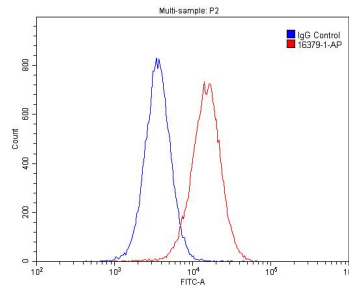
WB result of GSNOR,ADH5 antibody (16379-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GSNOR,ADH5 transfected HepG2 cells.



IP Result of anti-GSNOR,ADH5 (IP:16379-1-AP, 3ug; Detection:16379-1-AP 1:800) with mouse liver tissue lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16379-1-AP (GSNOR,ADH5 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HepG2 cells were stained with 0.2ug GSNOR,ADH5 antibody (16379-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.