

À des fins de recherche uniquement

Anticorps Monoclonal anti-GSNOR,ADH5



Numéro de catalogue: 66193-1-Ig

Phare

4 Publications

Informations de base

Numéro de catalogue:

66193-1-Ig

Taille:

150ul , Concentration: 760 µg/ml by Bradford method using BSA as the standard;

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9511

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 protéine A

CloneNo.:

5E6E2

Dilutions recommandées:

WB 1:5000-1:50000

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

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 HuH-7, cellules HepG2, tissu cérébral de rat, tissu cérébral humain foetal, tissu hépatique de porc, tissu hépatique de rat, tissu testiculaire humain

IHC : tissu de cancer du pancréas humain, tissu testiculaire humain

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 |
|----------------------|-----------|-------------------------------|-------------|
| Xiangpei Yue | 31720368 | Alzheimers Dement (N Y) | IF |
| Rajinikanth Gogiraju | 36252109 | Arterioscler Thromb Vasc Biol | IF, WB |
| Xuechao Fei | 33328587 | Mol Psychiatry | IF |

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.

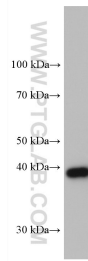
For technical support and original validation data for this product please contact:

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

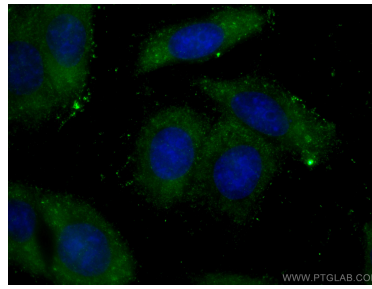
E: proteintech@ptglab.com
W: ptglab.com

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

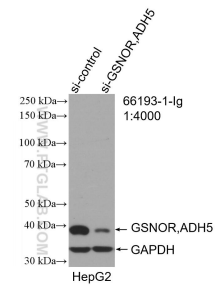
Données de validation sélectionnées



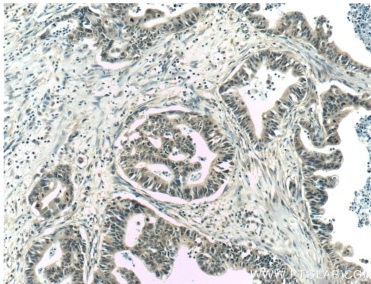
HuH-7 cells were subjected to SDS PAGE followed by western blot with 66193-1-Ig (GSNOR,ADH5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



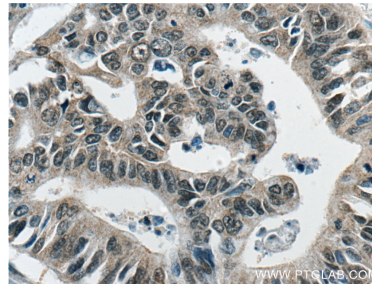
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66193-1-Ig (GSNOR,ADH5 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of GSNOR,ADH5 antibody (66193-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GSNOR,ADH5 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66193-1-Ig (GSNOR,ADH5 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66193-1-Ig (GSNOR,ADH5 Antibody) at dilution of 1:50 (under 40x lens).