

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-GSNOR,ADH5



Numéro de catalogue: 11051-1-AP

Phare

36 Publications

## Informations de base

Numéro de catalogue: 11051-1-AP	Numéro d'acquisition GenBank: BC070491	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 128	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: alcohol dehydrogenase 5 (class III), chi polypeptide	
Isotype: IgG	MW calculé: 40 kDa	
Immunogen Catalog Number: AG1533	MW observés: 40 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, porc, 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 : tissu hépatique de souris, tissu cardiaque humain, tissu cérébral humain, tissu hépatique de rat, tissu rénal de souris

IHC : tissu de cancer de la prostate 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
Nadzeya V Marozkina	25359343	Eur Respir J	WB, IHC
Felix A Dingler	33147438	Mol Cell	WB, IHC
Colin T Stomberski	31649033	J Biol Chem	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.

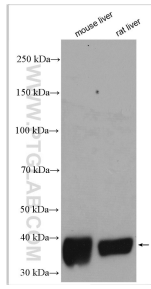
For technical support and original validation data for this product please contact:

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

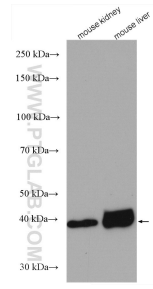
E: proteintech@ptglab.com  
W: ptglab.com

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

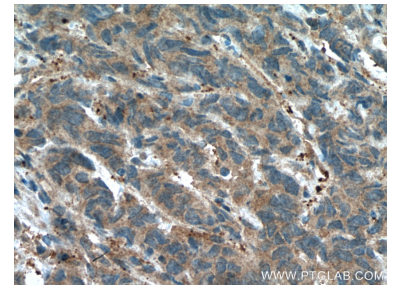
## Données de validation sélectionnées



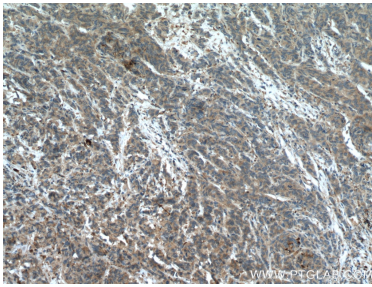
Various lysates were subjected to SDS PAGE followed by western blot with 11051-1-AP (GSNOR,ADH5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



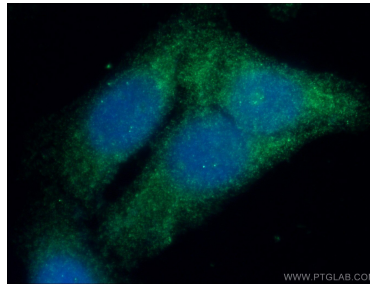
mouse liver tissue were subjected to SDS PAGE followed by western blot with 11051-1-AP (GSNOR,ADH5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11051-1-AP (GSNOR,ADH5 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 prostate cancer tissue slide using 11051-1-AP (GSNOR,ADH5 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 HepG2 cells using 11051-1-AP (GSNOR,ADH5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).