

Nur für Forschungszwecke

GSNOR,ADH5 Polyklonaler Antikörper



Katalog-Nr.:16379-1-AP

Vorgestelltes Produkt

1 Publikationen

Allgemeine Informationen

Katalog-Nr.:
16379-1-AP

Größe:
150ul , Konzentration: 170 µg/ml von
Nanodrop und 133 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG9360

GenBank-Zugangsnummer:
BC014665

GeneID (NCBI):
128

Vollständiger Name:
alcohol dehydrogenase 5 (class III),
chi polypeptide

Berechnete Masse:
374 aa, 40 kDa

Beobachtete Masse:
40 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 ug für IP und 1:500-1:1000
für WB
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Positivkontrollen:

WB : Mauslebergewebe, HepG2-Zellen, humanes
Hirngewebe, humanes Hodengewebe, humanes
Lebergewebe, Mausherzgewebe, Maushirngewebe

IP : Mauslebergewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Michele Pietrafesa	31878280	Int J Mol Sci	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

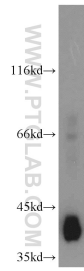
For technical support and original validation data for this product please contact:

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

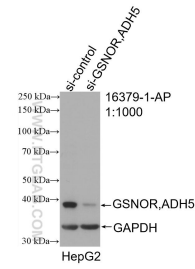
E: proteintech@ptglab.com
W: ptglab.com

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

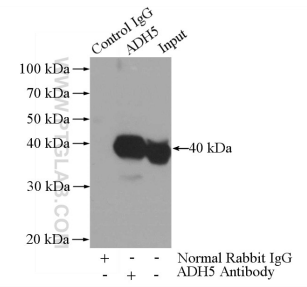
Ausgewählte Validierungsdaten



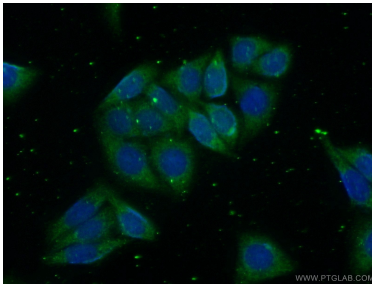
mouse liver tissue were subjected to SDS PAGE followed by western blot with 16379-1-AP (GSNOR,ADH5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



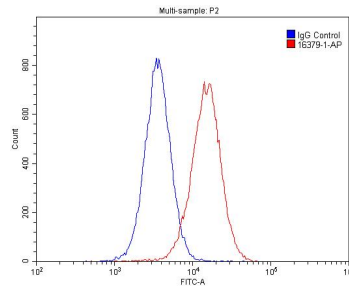
WB result of GSNOR,ADH5 antibody (16379-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GSNOR,ADH5 transfected HepG2 cells.



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.