

GSNOR,ADH5 Polyclonal Antibody

Catalog number: 11051-1-AP

Size: 21 µg/150 µl

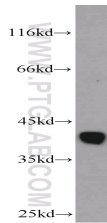
Source: Rabbit

Isotype: IgG

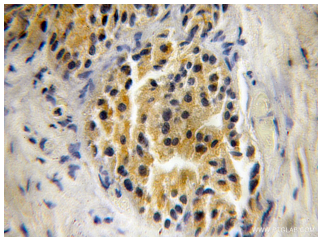
Synonyms:

ADH5; ADH-3; ADHX; FDH;

GSNOR



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 11051-1-AP(GSNOR,ADH5 Antibody) at dilution of 1:800



Immunohistochemistry of paraffin-embedded human prostate cancer using 11051-1-AP(GSNOR,ADH5 Antibody) at Dilution 1:50 (under 10x lens)

Background

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)

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, IHC, WB
Species specificity:	Human, mouse, rat; other species not tested.
Cited species:	Human, mouse
Positive WB detected in:	Mouse kidney tissue, human brain tissue, human heart tissue, human liver tissue, mouse brain tissue
Calculated GSNOR,ADH5 MW:	40kd
Observed GSNOR,ADH5 MW:	40kd
Positive IHC detected in:	Human prostate cancer
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

Immunogen information

Immunogen:	Ag1533
GenBank accession number:	BC070491
Gene ID (NCBI):	128
Full name:	Alcohol dehydrogenase 5 (class III), chi polypeptide

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.