

For Research Use Only

DHRS4 Polyclonal antibody

Catalog Number: 15279-1-AP

1 Publications



Basic Information

Catalog Number:

15279-1-AP

Size:

150ul , Concentration: 350 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7398

GenBank Accession Number:

BC003019

GeneID (NCBI):

10901

UNIPROT ID:

Q9BTZ2

Full Name:

dehydrogenase/reductase (SDR family) member 4

Calculated MW:

30 kDa

Observed MW:

29 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat liver tissue, mouse liver tissue, HeLa cells, HepG2 cells

IP : mouse liver tissue,

IHC : human cervical cancer tissue, human cervix tissue

Background Information

DHRS4(Dehydrogenase/reductase SDR family member 4) is also named as PHCR, NRDR, PSCD, SCAD-SRL, and belongs to the short-chain dehydrogenases/reductases (SDR) family. It can also catalyze the oxidation of all-trans-retinol with NADP as co-factor, but with much lower efficiency. Human DHRS4 is a tetramer composed of 27 kDa subunits, which is inactivated at low temperature without dissociation into subunits(PMID:18571493).

Notable Publications

Author	Pubmed ID	Journal	Application
Shu Li	35479082	Front Immunol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

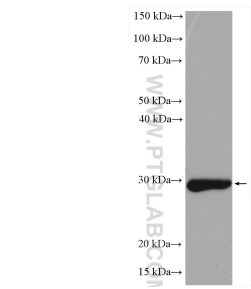
For technical support and original validation data for this product please contact:

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

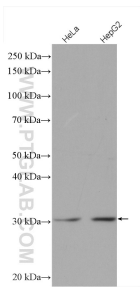
E: proteintech@ptglab.com
W: ptglab.com

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

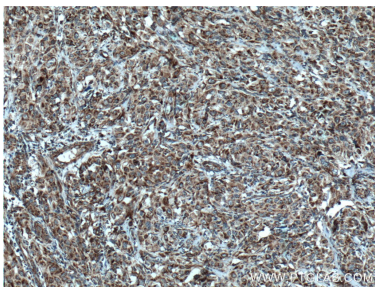
Selected Validation Data



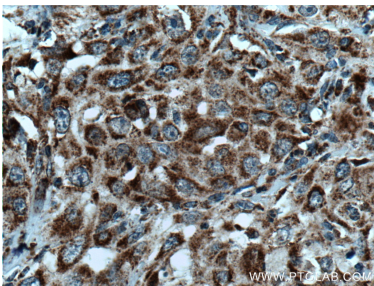
rat liver tissue were subjected to SDS PAGE followed by western blot with 15279-1-AP (DHRS4 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



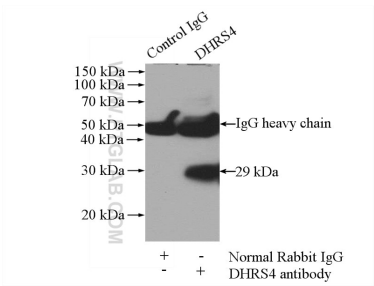
Various lysates were subjected to SDS PAGE followed by western blot with 15279-1-AP (DHRS4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 15279-1-AP (DHRS4 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 15279-1-AP (DHRS4 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DHRS4 (IP:15279-1-AP, 4ug; Detection:15279-1-AP 1:400) with mouse liver tissue lysate 4000ug.