

DHRS1 Polyclonal antibody

Catalog Number: 16275-1-AP

Basic Information

Catalog Number:

16275-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9351

GenBank Accession Number:

BC014057

GeneID (NCBI):

115817

UNIPROT ID:

Q96LJ7

Full Name:

dehydrogenase/reductase (SDR family) member 1

Calculated MW:

313 aa, 34 kDa

Observed MW:

35-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

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 : COLO 320 cells, human liver tissue, mouse colon tissue, mouse testis tissue

IHC : human kidney tissue, human skin tissue, human liver tissue

IF/ICC : A431 cells,

Background Information

DHRS1(Dehydrogenase/reductase SDR family member 1) is also named as LJ25430, MGC20204, DKFZp586l0523, SDR19C1, FLJ14250 and belongs to the short-chain dehydrogenases/reductases (SDR) family. It is involved in the metabolism of a large variety of compounds, including steroid hormones, prostaglandins, retinoids, lipids and xenobiotics. Northern blot analysis detected DHRS1 express in heart highest and in liver lowest.

Storage

Storage:

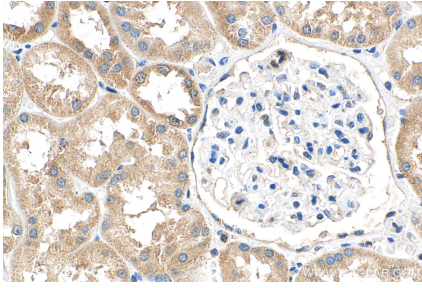
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

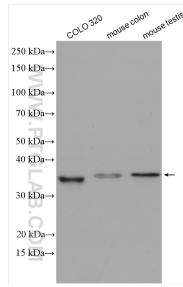
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

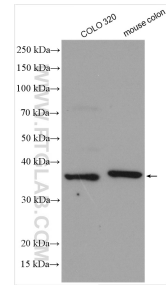
Selected Validation Data



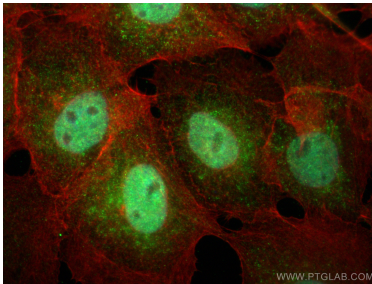
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16275-1-AP (DHRS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 16275-1-AP (DHRS1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 16275-1-AP (DHRS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using DHRS1 antibody (16275-1-AP) at dilution of 1:200 and Multi-rAb Coralite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).