

DHRS7B Polyclonal antibody

Catalog Number: 15530-1-AP

Basic Information

Catalog Number:

15530-1-AP

Concentration:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7690

GenBank Accession Number:

BC004126

GeneID (NCBI):

25979

UNIPROT ID:

Q6IAN0

Full Name:

dehydrogenase/reductase (SDR family) member 7B

Calculated MW:

35 kDa

Observed MW:

30-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, 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 : HeLa cells, K-562 cells, LNCaP cells, MCF-7 cells, MDA-MB-231 cells, PC-3 cells

IHC : mouse colon tissue,

Background Information

DHRS7B (Dehydrogenase/Reductase 7B) is a member of the short-chain dehydrogenase/reductase (SDR) superfamily, a group of enzymes involved in redox reactions, particularly the metabolism of steroids, lipids, and xenobiotics. DHRS7B is characterized by its NAD(P)H-dependent oxidoreductase activity and plays roles in cellular detoxification, lipid homeostasis, and possibly steroid hormone regulation.

Storage

Storage:

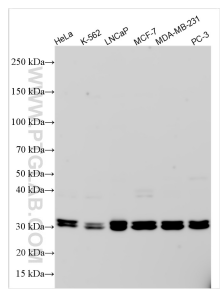
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

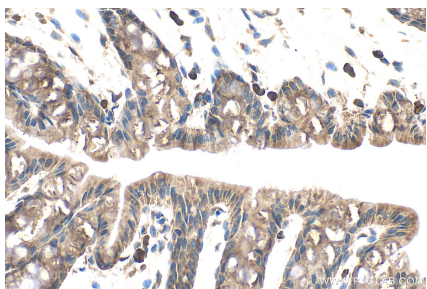
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15530-1-AP (DHRS7B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 15530-1-AP (DHRS7B 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 mouse colon tissue slide using 15530-1-AP (DHRS7B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).