

For Research Use Only

DHRS7B Polyclonal antibody, PBS Only

Catalog Number: 15530-1-PBS



Basic Information

Catalog Number:

15530-1-PBS

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

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

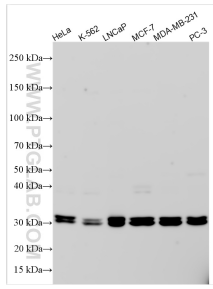
T: 4006900926

E: Proteintech-CN@ptglab.com

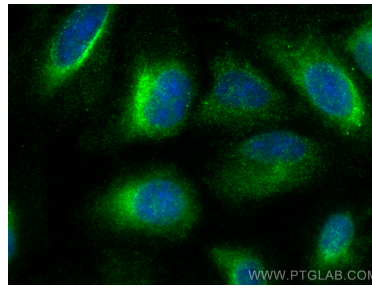
W: ptgcn.com

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

Selected Validation Data



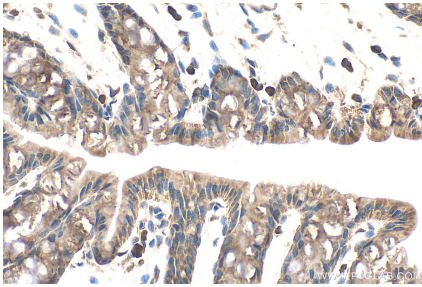
Various lysates were subjected to SDS PAGE followed by western blot with 15530-1-AP (DHRS7B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.



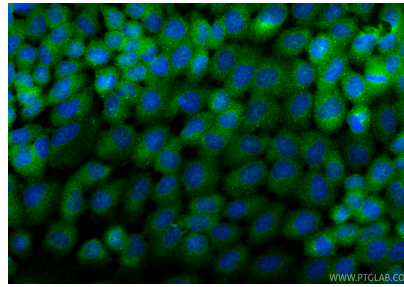
Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using DHRS7B antibody (15530-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using DHRS7B antibody (15530-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.