

For Research Use Only

# DHRS7B Polyclonal antibody, PBS Only

Catalog Number:15530-1-PBS



## Basic Information

**Catalog Number:**

15530-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7690

**GenBank Accession Number:**

BC004126

**GeneID (NCBI):**

25979

**UNIPROT ID:**

Q6IANO

**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.

**Storage Buffer:**

PBS only, pH7.3

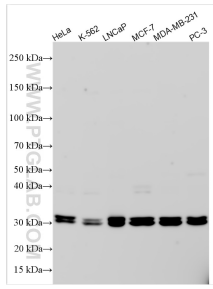
For technical support and original validation data for this product please contact:

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

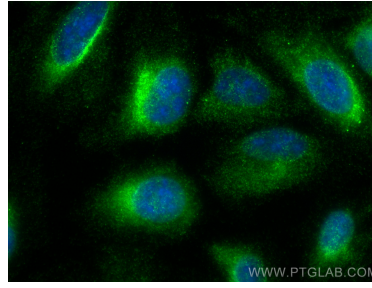
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



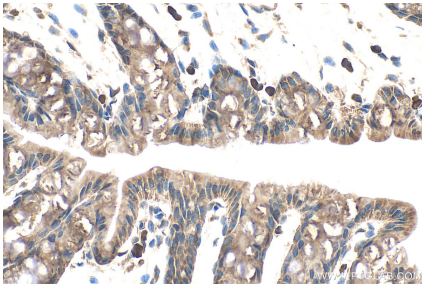
Various lysates were subjected to SDS PAGE followed by western blot with 15530-1-AP (DHRS7B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.



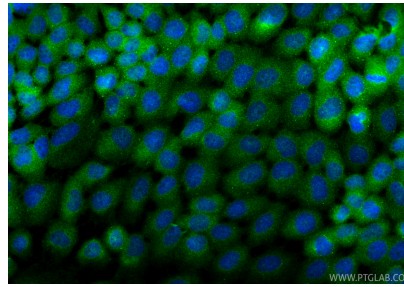
Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using DHRS7B antibody (15530-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 15530-1-PBS in a different storage buffer formulation.



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.