

For Research Use Only

DHRS7B Polyclonal antibody

Catalog Number: 15530-1-AP



Basic Information

Catalog Number: 15530-1-AP	GenBank Accession Number: BC004126	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 25979	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q6IAN0	
Isotype: IgG	Full Name: dehydrogenase/reductase (SDR family) member 7B	
Immunogen Catalog Number: AG7690	Calculated MW: 35 kDa	
	Observed MW: 30-35 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, K-562 cells, LNCaP cells, MCF-7 cells, MDA-MB-231 cells, PC-3 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

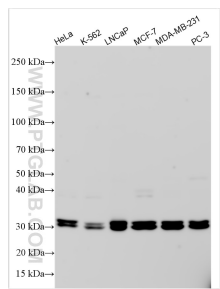
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

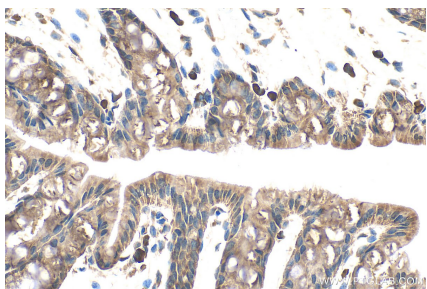
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Selected Validation Data



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).