

For Research Use Only

DHRS1 Polyclonal antibody

Catalog Number: 16275-1-AP



Basic Information

Catalog Number: 16275-1-AP	GenBank Accession Number: BC014057	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 187 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 115817	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q96LJ7	IHC 1:50-1:500
Isotype: IgG	Full Name: dehydrogenase/reductase (SDR family) member 1	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG9351	Calculated MW: 313 aa, 34 kDa	
	Observed MW: 35-38 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : COLO 320 cells, human liver tissue, mouse colon tissue, mouse testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

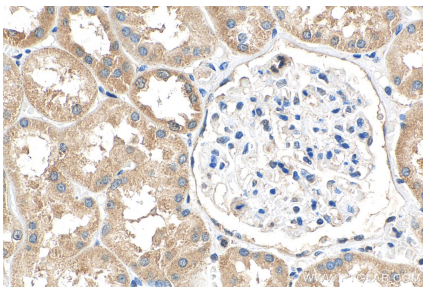
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

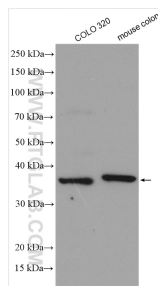
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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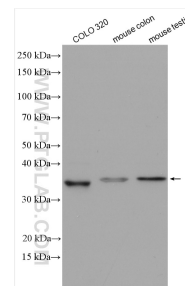
Selected Validation Data



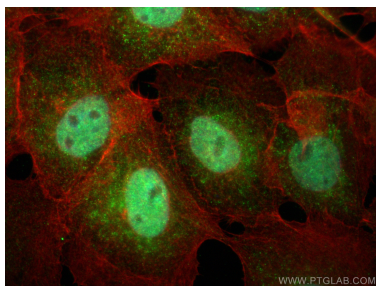
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16275-1-AP (DHRS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 16275-1-AP (DHRS1 antibody) at dilution of 1:3000 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 1:1500 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).