

For Research Use Only

HSDL2 Polyclonal antibody

Catalog Number: 15631-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 15631-1-AP	GenBank Accession Number: BC004331	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84263	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: hydroxysteroid dehydrogenase like 2	
Isotype: IgG	Calculated MW: 45 kDa	
Immunogen Catalog Number: AG7987	Observed MW: 45 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells
Cited Applications: FC, IF, IHC, WB	IHC : human liver cancer tissue, human prostate cancer tissue
Species Specificity: human, mouse, rat	IF : HeLa cells,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Human hydroxysteroid dehydrogenase-like 2 (HSDL2) is a characterized SDR gene that not only catalyses the oxidation and reduction of multiple substrates but also regulates different metabolic and signalling pathways. Accumulating evidences suggest that HSDL2 play an important role in cancer progression. HSDL2 has promoting effects on tumor progression in papillary thyroid cancer, bladder cancer, ovarian cancer, and glioma, but has suppressing effects in cholangiocarcinoma . (PMID: 31372054, PMID: 32211805)

Notable Publications

Author	Pubmed ID	Journal	Application
Bing Dong	31372054	Cancer Manag Res	IF
Songlin Zeng	25604190	Proteomics	WB
Anna Han	33488098	Onco Targets Ther	IHC,WB

Storage

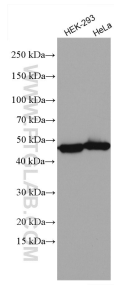
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

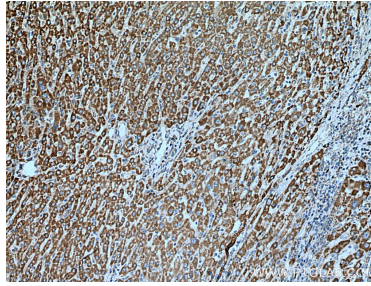
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

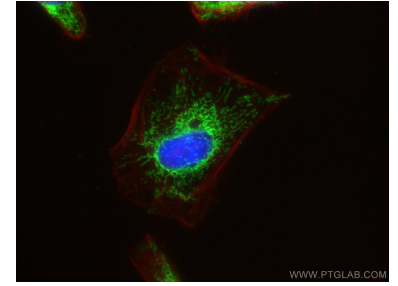
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15631-1-AP (HSDL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15631-1-AP (HSDL2 antibody) at dilution of 1:200 (under 10x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HSDL2 antibody (15631-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).