

For Research Use Only

OSBPL10 Polyclonal antibody

Catalog Number: 15491-1-AP **2 Publications**



Basic Information

Catalog Number: 15491-1-AP	GenBank Accession Number: BC003168	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 114884	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: oxysterol binding protein-like 10	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 84 kDa	IF 1:10-1:100
Immunogen Catalog Number: AG7861	Observed MW: 75-80 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HepG2 cells, IP : HeLa cells, IHC : human colon cancer tissue, IF : HepG2 cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
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

OSBPL10, also known as ORP10, is a member of the oxysterol-binding protein family. OSBPL10 localizes on microtubules and acts as a regulator of cellular lipid biosyntheses and apolipoprotein B-100. Genetic variation in OSBPL10 is associated with dyslipidias and peripheral artery disease.

Notable Publications

Author	Pubmed ID	Journal	Application
Tomoki Naito	37735529	Nat Commun	IF, WB
Nissil? Eijja E	22906437	Biochim Biophys Acta	WB

Storage

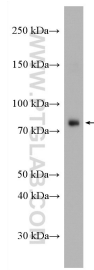
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

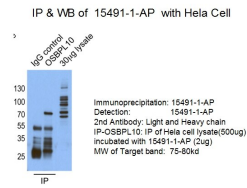
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

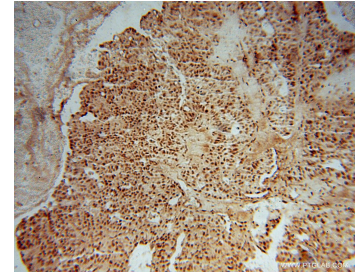
Selected Validation Data



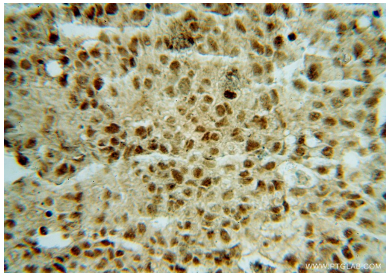
HepG2 cells were subjected to SDS PAGE followed by western blot with 15491-1-AP (OSBPL10 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



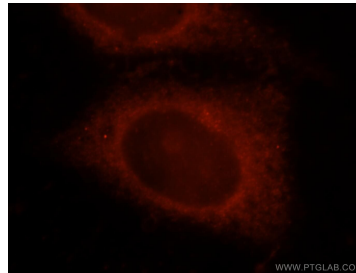
IP result of anti-OSBPL10 (15491-1-AP for IP and Detection).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15491-1-AP (OSBPL10 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15491-1-AP (OSBPL10 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using OSBPL10 antibody 15491-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).