

For Research Use Only

# OSBPL10 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 15491-1-AP	<b>GenBank Accession Number:</b> BC003168	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 114884	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BXB5	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> oxysterol binding protein-like 10	IHC 1:20-1:200
<b>Immunogen Catalog Number:</b> AG7861	<b>Calculated MW:</b> 84 kDa	IF/ICC 1:200-1:800
	<b>Observed MW:</b> 75-80 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, IP, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, IP : HeLa cells, IHC : human colon cancer tissue, IF/ICC : HepG2 cells,
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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 dyslipidemia 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

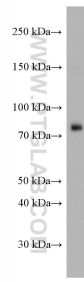
## Storage

**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

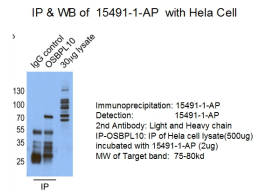
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

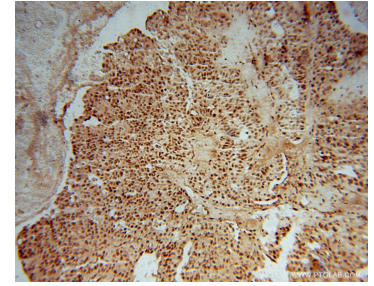
## Selected Validation Data



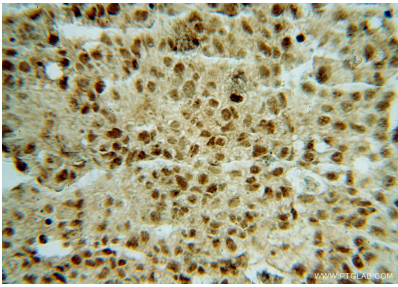
HepG2 cells were subjected to SDS PAGE followed by western blot with 15491-1-AP (OSBPL10 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



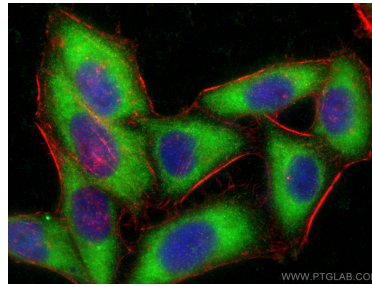
IP result of anti-OSBPL10 (15491-1-AP for IP and Detection).



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 (-20°C Ethanol) fixed HepG2 cells using OSBPL10 antibody (15491-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).