

For Research Use Only

OSBPL10 Polyclonal antibody

Catalog Number: 15491-1-AP

2 Publications



Basic Information

Catalog Number:

15491-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7861

GenBank Accession Number:

BC003168

GeneID (NCBI):

114884

UNIPROT ID:

Q9BXB5

Full Name:

oxysterol binding protein-like 10

Calculated MW:

84 kDa

Observed MW:

75-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

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

Positive Controls:

WB : HepG2 cells,

IP : HeLa cells,

IHC : human colon cancer tissue,

IF/ICC : HepG2 cells,

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

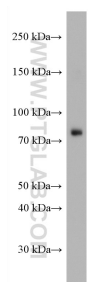
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

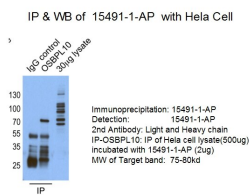
E: proteintech@ptglab.com
W: ptglab.com

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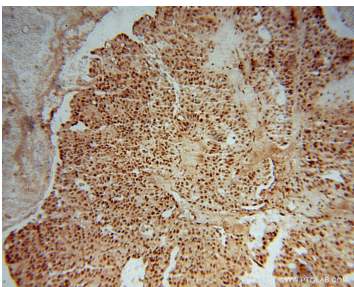
Selected Validation Data



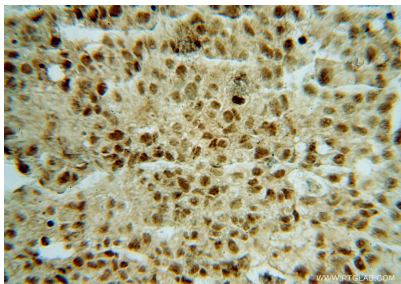
HepG2 cells were subjected to SDS PAGE followed by western blot with 15491-1-AP (OSBPL10 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



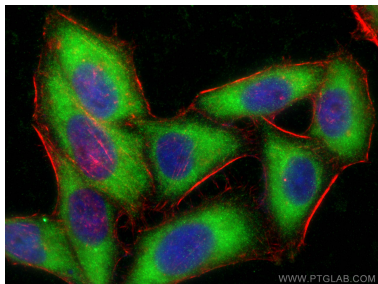
IP result of anti-OSBPL10 (15491-1-AP for IP and Detection).



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 Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).