

For Research Use Only

OSBPL3 Polyclonal antibody

Catalog Number: 12417-1-AP

3 Publications



Basic Information

Catalog Number:

12417-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3044

GenBank Accession Number:

BC017731

GeneID (NCBI):

26031

UNIPROT ID:

Q9H4L5

Full Name:

oxysterol binding protein-like 3

Calculated MW:

887 aa, 101 kDa

Observed MW:

95-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

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 : HCT 116 cells, K-562 cells, HeLa cells

IHC : human colon cancer tissue,

Background Information

The oxysterol-binding protein-like (OSBPL) protein family includes nine members namely OSBPL2, OSBPL3, OSBPL5, OSBPL6, OSBPL7, OSBPL8, OSBPL9, OSBPL10, and OSBPL11. The OSBPL family proteins (OSBPLs) are located at the membrane to exchange molecules or signals between organelles and function as a necessary transporter. In addition to lipid transport, the OSBPLs are involved in the regulation of the actin cytoskeleton, cell polarity, and cell. Recently, the role of OSBPLs in cancer development has been gradually revealed. Upregulation of OSBPL3 could promote colorectal cancer. (PMID: 36918840)

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Zhang	34308980	Biosci Rep	IHC
Yu Zhang	34259324	Biosci Rep	IHC
Kunpeng Tian	36918840	BMC Cancer	IHC

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:

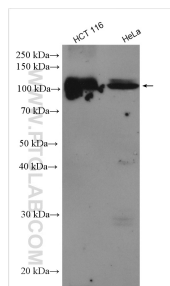
T: 4006900926

E: Proteintech-CN@ptglab.com

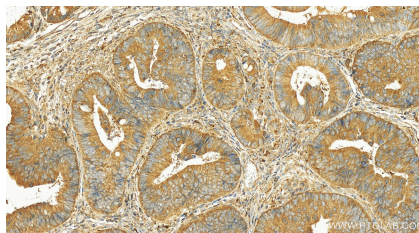
W: ptgcn.com

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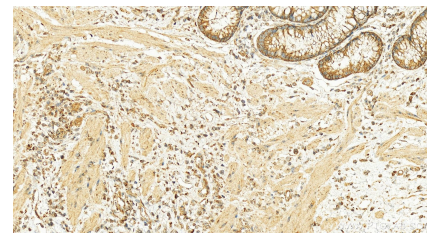
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12417-1-AP (OSBPL3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12417-1-AP (OSBPL3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12417-1-AP (OSBPL3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).