


Anti-OSBPL5/ORP5 antibody ab59016

★☆☆☆☆ [1 Abreviews](#) [6 References](#) [7 图像](#)

概述

产品名称	Anti-OSBPL5/ORP5抗体
描述	山羊多克隆抗体to OSBPL5/ORP5
宿主	Goat
特异性	This antibody is expected to recognise both reported isoforms (NP_065947.1; NP_663613.1).
经测试应用	适用于: IHC-P, WB, ICC/IF, Flow Cyt
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Jurkat and rat spleen cell lysates. ICC/IF: HeLa and U2OS cells. IHC-P: Human kidney and liver tissues. Flow-Cyt: HeLa cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab59016于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.03 - 0.3 µg/ml. Detects a band of approximately 110 kDa (predicted molecular weight: 99 kDa). 1 hour primary incubation is recommended for this product.
ICC/IF	★ ★ ★ ★ ★ (1)	Use a concentration of 10 µg/ml.
Flow Cyt		Use a concentration of 10 µg/ml.

靶标

功能

Lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane: specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum. Binds phosphatidylserine and PI4P in a mutually exclusive manner (PubMed:23934110, PubMed:26206935). May cooperate with NPC1 to mediate the exit of cholesterol from endosomes/lysosomes (PubMed:21220512). Binds 25-hydroxycholesterol and cholesterol (PubMed:17428193).

组织特异性

Ubiquitously expressed.

序列相似性

Belongs to the OSBP family.
Contains 1 PH domain.

细胞定位

Endoplasmic reticulum membrane. Localizes to the cortical endoplasmic reticulum at the endoplasmic reticulum-plasma membrane contact sites.

图片



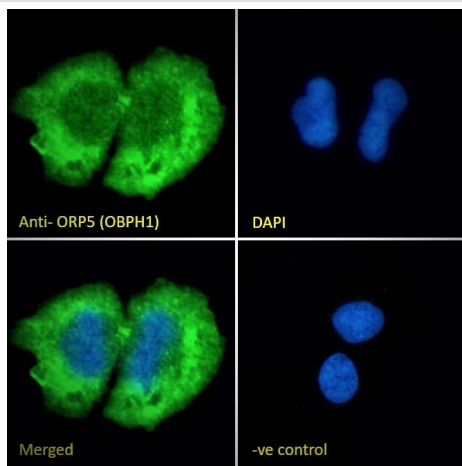
Western blot - Anti-OSBPL5/ORP5 antibody
(ab59016)

Anti-OSBPL5/ORP5 antibody (ab59016) at 0.3 µg/ml + Rat Spleen lysate in RIPA buffer at 35 µg

Predicted band size: 99 kDa

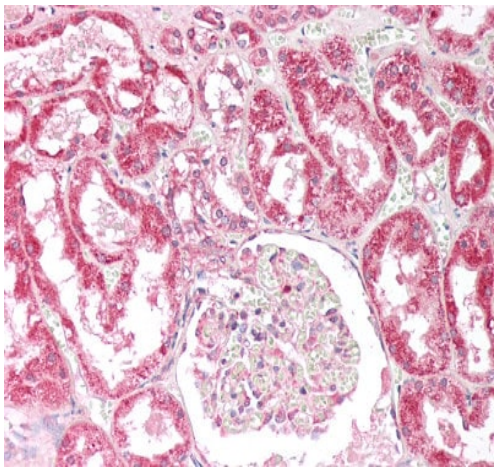
Observed band size: 100 kDa

Detected by chemiluminescence.



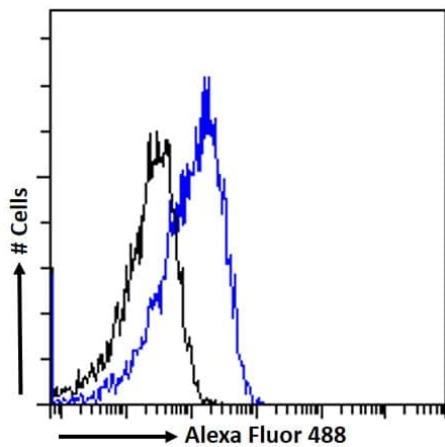
Immunocytochemistry/ Immunofluorescence - Anti-
OSBPL5/ORP5 antibody (ab59016)

ab59016 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



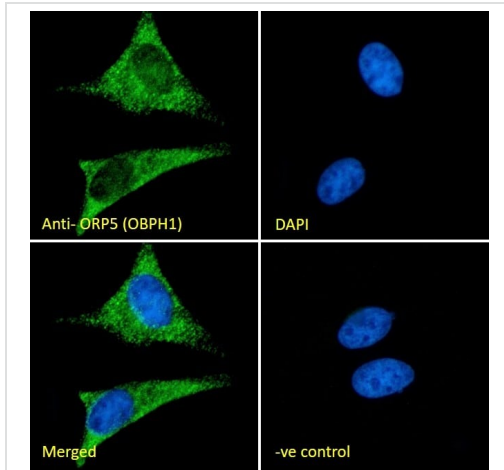
ab59016 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OSBP5/ORP5 antibody (ab59016)



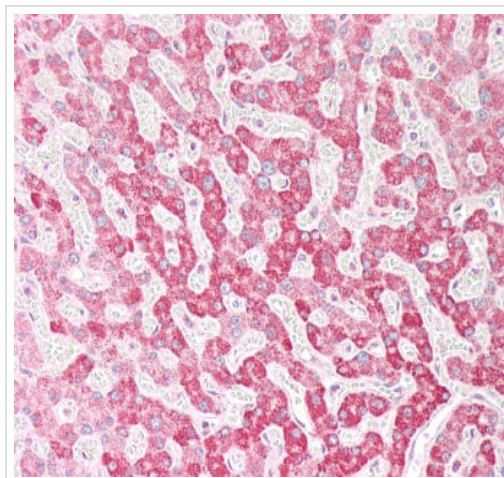
ab59016 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Flow Cytometry - Anti-OSBP5/ORP5 antibody (ab59016)



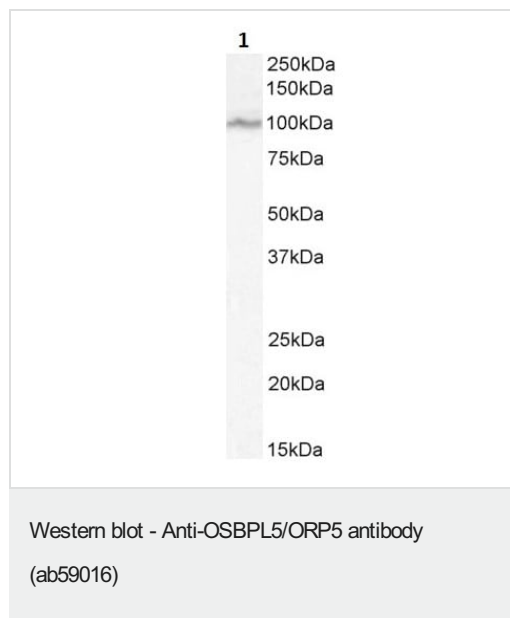
Immunocytochemistry/ Immunofluorescence - Anti-OSBPL5/ORP5 antibody (ab59016)

ab59016 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OSBPL5/ORP5 antibody (ab59016)

ab59016 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Anti-OSBPL5/ORP5 antibody (ab59016) at 0.1 µg/ml + Jurkat cell lysate in RIPA buffer at 35 µg

Predicted band size: 99 kDa

Observed band size: 100 kDa

Detected by chemiluminescence.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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