


Anti-OSBPL5/ORP5 antibody ab59016

★☆☆☆☆ **1 Abreviews** **6 References** 画像数 7

製品の概要

製品名	Anti-OSBPL5/ORP5 antibody
製品の詳細	Goat polyclonal to OSBPL5/ORP5
由来種	Goat
特異性	This antibody is expected to recognise both reported isoforms (NP_065947.1; NP_663613.1).
アプリケーション	適用あり: IHC-P, WB, ICC/IF, Flow Cyt
種交差性	交差種: Human 交差が予測される動物種: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Jurkat and rat spleen cell lysates. ICC/IF: HeLa and U2OS cells. IHC-P: Human kidney and liver tissues. Flow-Cyt: HeLa cells.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab59016の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能	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).
組織特異性	Ubiquitously expressed.
配列類似性	Belongs to the OSBP family. Contains 1 PH domain.
細胞内局在	Endoplasmic reticulum membrane. Localizes to the cortical endoplasmic reticulum at the endoplasmic reticulum-plasma membrane contact sites.

画像



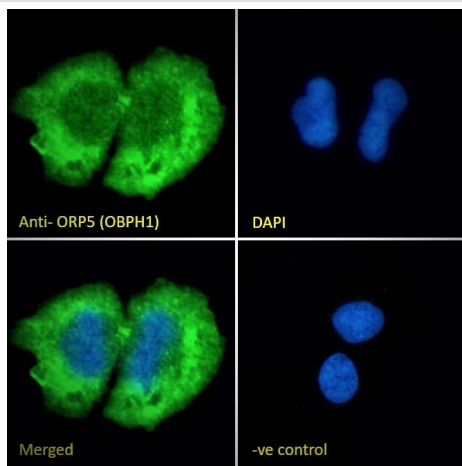
Western blot - Anti-OSBPL5/ORP5 antibody
(ab59016)

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

Predicted band size: 99 kDa

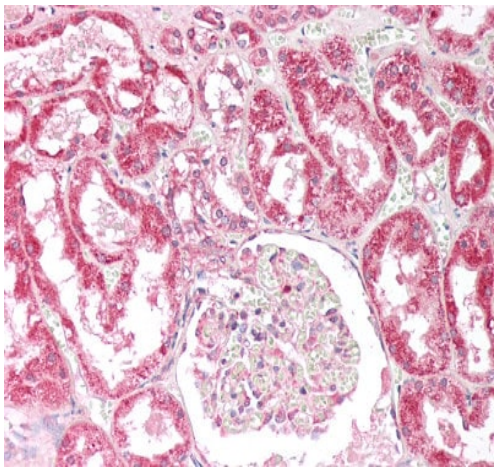
Observed band size: 100 kDa

Detected by chemiluminescence.



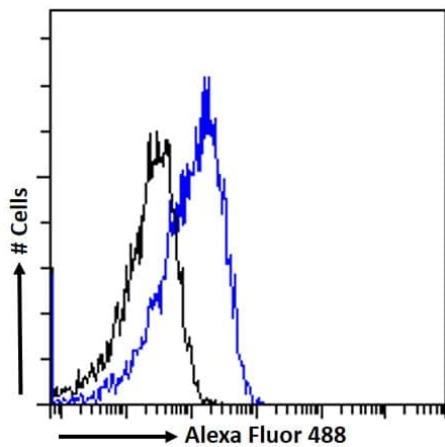
Immunocytochemistry/ Immunofluorescence - Anti-
OSBPL5/ORP5 antibody (ab59016)

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).



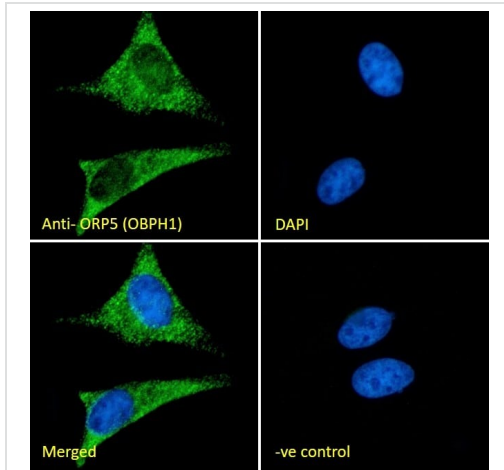
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OSBP5/ORP5 antibody (ab59016)

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



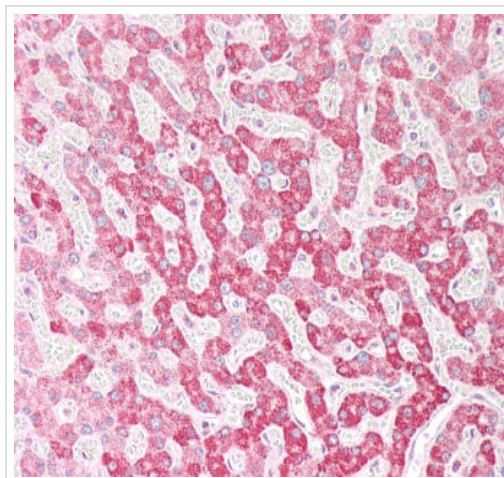
Flow Cytometry - Anti-OSBP5/ORP5 antibody (ab59016)

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.



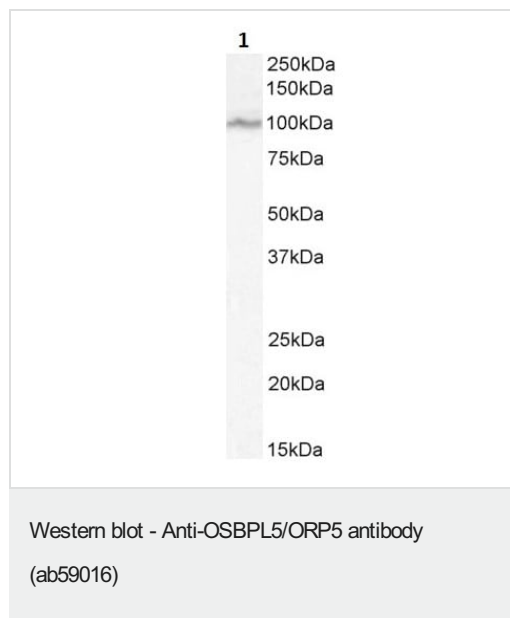
Immunocytochemistry/ Immunofluorescence - Anti-OSBPL5/ORP5 antibody (ab59016)

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.

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