

# Product Datasheet

## OSBPL5 Antibody NB100-57071

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-57071**

## OSBPL5 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat OSBPL5 Antibody (NB100-57071) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-OSBPL5 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	114879
Gene Symbol	OSBPL5
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22241858).
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms. Variants (NP_663613.1; NP_001137535.1) encode the same isoform.
Immunogen	Peptide with sequence KEEAFLRRRFSLC corresponding to N-Terminus according to NP_065947.1, NP_663613.1, NP_001137535.1.

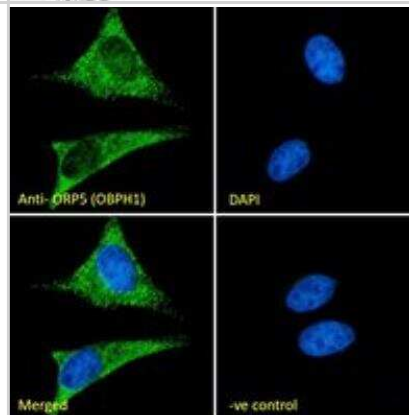
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.3 ug/ml, Flow Cytometry 10 ug/ml, Immunohistochemistry 5 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx. 100kDa band observed in lysates of cell line Jurkat and in Rat Spleen lysates (calculated MW of 98.4kDa according to Human NP_065947.1 and 101.7kDa according to Rat NP_001015024.2)

## Images

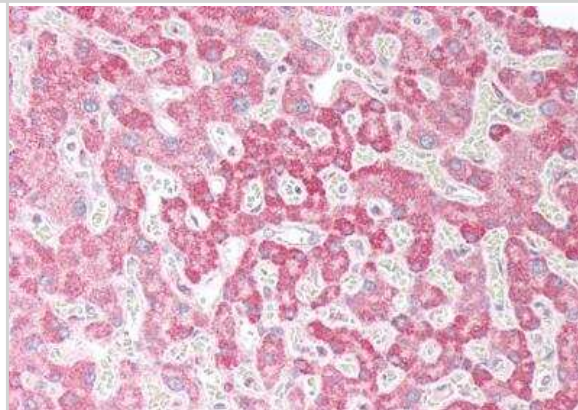
Western Blot: OSBPL5 Antibody [NB100-57071] - (0.1ug/ml) staining of Jurkat cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

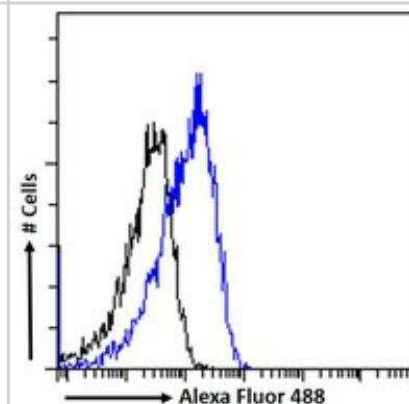
Immunocytochemistry/Immunofluorescence: OSBPL5 Antibody [NB100-57071] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry-Paraffin: OSBPL5 Antibody [NB100-57071] - Staining of Human Liver. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



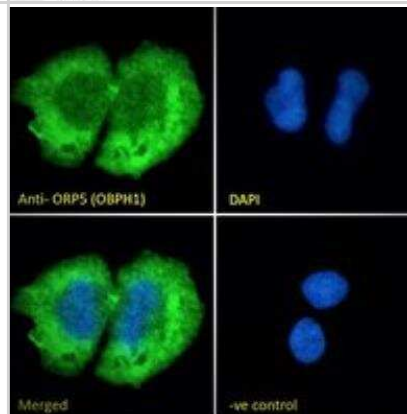
Flow Cytometry: OSBPL5 Antibody [NB100-57071] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



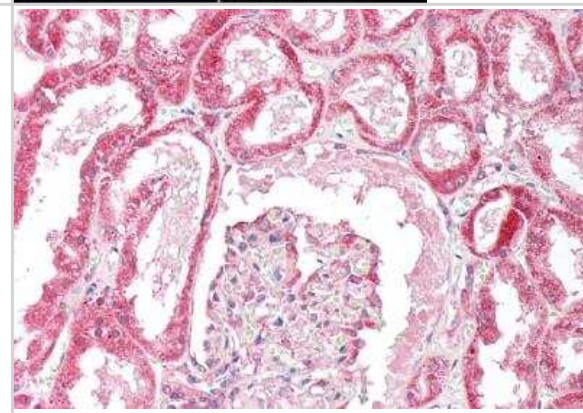
Western Blot: OSBPL5 Antibody [NB100-57071] - (0.3ug/ml) staining of Rat Spleen lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunocytochemistry/Immunofluorescence: OSBPL5 Antibody [NB100-57071] - 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-Paraffin: OSBPL5 Antibody [NB100-57071] - Staining of Human Kidney. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Kattan WE, Chen W, Ma X et al. Targeting plasma membrane phosphatidylserine content to inhibit oncogenic KRAS function Life Sci Alliance. 2019-10-01 [PMID: 31451509]

Higashimoto K, Soejima H, Yatsuki H et al. Characterization and Imprinting Status of OBPH1/Obph1 Gene: Implications for an Extended Imprinting Domain in Human and Mouse. Genomics 2002-12-01 [PMID: 12504849]

Storey SM, McIntosh AL, Huang H et al. Intracellular cholesterol-binding proteins enhance HDL-mediated cholesterol uptake in cultured primary mouse hepatocytes Am J Physiol Gastrointest Liver Physiol 2012-04-15 [PMID: 22241858] (WB, Mouse)



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### **Products Related to NB100-57071**

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NB820-59259	Human Spleen Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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