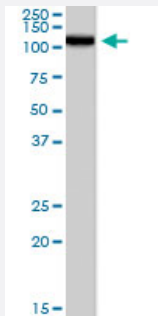


OSBPL5 polyclonal antibody

Catalog # PAB6516

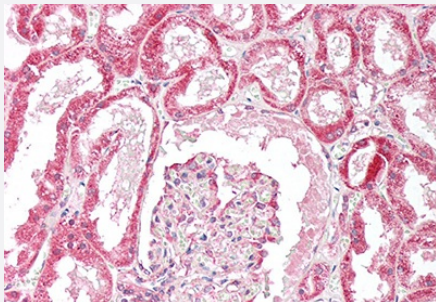
Size 100 ug

Applications



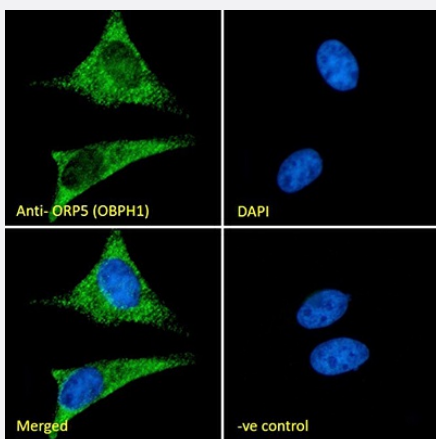
Western Blot (Tissue lysate)

OSBPL5 polyclonal antibody (Cat # PAB6516) staining (2 ug/mL) of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



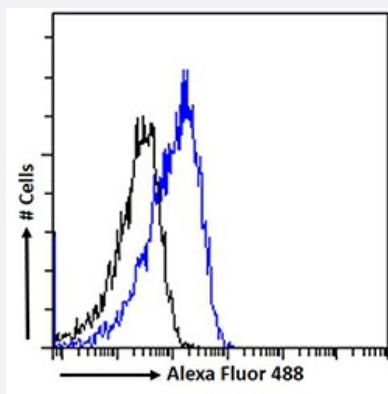
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

OSBPL5 polyclonal antibody (Cat # PAB6516) (5 ug/mL) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunofluorescence

OSBPL5 polyclonal antibody (Cat # PAB6516) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry

OSBPL5 polyclonal antibody (Cat # PAB6516) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of OSBPL5.
Immunogen	A synthetic peptide corresponding to human OSBPL5.
Sequence	KEEAFLRRRFSLC
Host	Goat
Theoretical MW (kDa)	98.4, 90.8
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_065947.1, NP_663613.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Flow Cytometry (10 ug/mL) Immunofluorescence (10 ug/mL) Immunohistochemistry (5 ug/mL) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

OSBPL5 polyclonal antibody (Cat # PAB6516) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Gene Info — OSBPL5

Entrez GeneID	114879
Protein Accession#	NP_065947.1;NP_663613.1
Gene Name	OSBPL5
Gene Alias	FLJ42929, OBPH1, ORP5
Gene Description	oxysterol binding protein-like 5
Omim ID	606733
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. Transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

OSBP-related protein 5|OTTHUMP00000013404|OTTHUMP00000013405|oxysterol-binding protein homologue 1|oxysterol-binding protein-like protein 5|oxysterol-binding protein-related protein 5

Publication Reference

- [Characterization and imprinting status of OBPH1/Obph1 gene: implications for an extended imprinting domain in human and mouse.](#)

Higashimoto K, Soejima H, Yatsuki H, Joh K, Uchiyama M, Obata Y, Ono R, Wang Y, Xin Z, Zhu X, Masuko S, Ishino F, Hatada I, Jinno Y, Iwasaka T, Katsuki T, Mukai T.

Genomics 2002 Dec; 80(6):575.