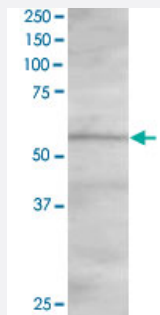


# OSBPL2 polyclonal antibody

Catalog # PAB6514

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

OSBPL2 polyclonal antibody (Cat # PAB6514) staining (1.5 ug/mL) of human heart lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of OSBPL2.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human OSBPL2.
<b>Sequence</b>	YFERNFSDCPDIY
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	54, 55.2
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (represented by NP_055650.1 and NP_653081.1)
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL

<b>Recommend Usage</b>	ELISA (1:8000) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — OSBPL2

<b>Entrez GeneID</b>	<a href="#">9885</a>
<b>Protein Accession#</b>	<a href="#">NP_055650.1;NP_653081.1</a>
<b>Gene Name</b>	OSBPL2
<b>Gene Alias</b>	FLJ20223, KIAA0772, MGC4307, MGC8342, ORP-2, ORP2
<b>Gene Description</b>	oxysterol binding protein-like 2
<b>Omim ID</b>	<a href="#">606731</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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, although some members contain only the sterol-binding domain. This encoded protein contains only the sterol-binding domain. In vitro studies have shown that the encoded protein can bind strongly to phosphatidic acid and weakly to phosphatidylinositol 3-phosphate, but cannot bind to 25-hydroxycholesterol. The protein associates with the Golgi apparatus. Transcript variants encoding different isoforms have been described. [provided by RefSeq]

**Other Designations**

OSBP-related protein 2|OTTHUMP00000031478|OTTHUMP00000031479|oxysterol-binding protein-like 2|oxysterol-binding protein-like protein 2|oxysterol-binding protein-related protein 2

**Publication Reference**

- [The OSBP-related protein family in humans.](#)

Lehto M, Laitinen S, Chinetti G, Johansson M, Ehnholm C, Staels B, Ikonen E, Olkkonen VM.

Journal of Lipid Research 2001 Aug; 42(8):1203.

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