DATASHEET

OSBPL2 Rabbit Polyclonal Antibody

CAT. NO. ARA5813

KEY FEATURES

Target	OSBPL2	**Source/Host**	Rabbit
Reactivity	Human, Mouse	**Clonality**	Polyclonal
Applications	WB,IHC,IF/ICC,IP,ELISA	**Conjugation**	Unconjugated
Isotype	IgG	**Storage**	at -20°C

BACKGROUND

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 the encoded protein contains only the sterol-binding domain. In vitro studies have shown that the encoded protein can bind strongly to phosphatic 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:1000-1:8000
IHC	1:50-1:500
IF/ICC	1:200-1:800
IP	0.5-4.0 μg for 1.0-3.0 mg of total protein lysate
ELISA	Assay-dependent

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit polyclonal antibody to OSBPL2
Specificity	Recognizes endogenous levels of OSBPL2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant human OSBPL2 protein (amino acids 128-480)
Molecular Weight	Predicted: 55 kDa; Observed: 51 kDa, 56 kDa
Purification	Antigen affinity purification
Isotype	IgG
Form/Buffer	PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Alternative Names	OSBP-related protein 2, OSBP related protein 2, ORP-2, ORP2, ORP 2
Gene Symbol	OSBPL2
Entrez Gene	9885
SwissProt	Q9H1P3

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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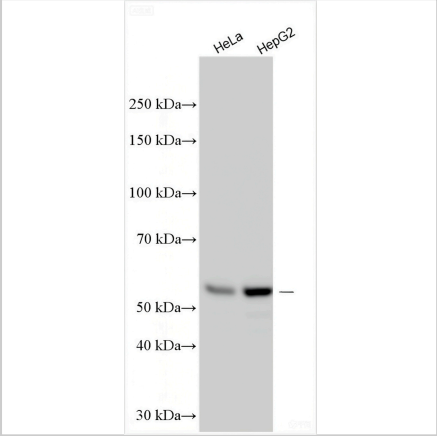
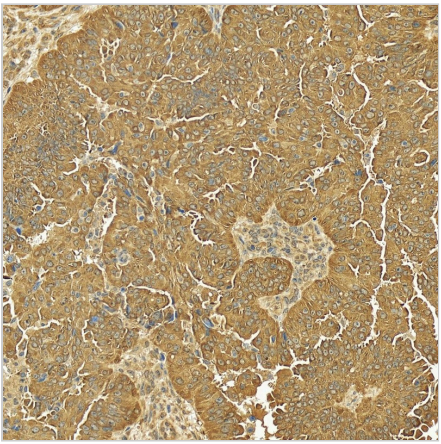
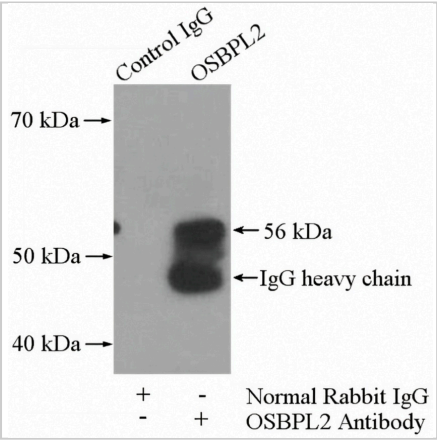
DATA



Various lysates were subjected to SDS-PAGE followed by western blot with OSBPL2 Rabbit Polyclonal Antibody at 1:4000 dilution and incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue using OSBPL2 Rabbit Polyclonal Antibody at 1:200 dilution (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunoprecipitation of OSBPL2 from HeLa cell lysate using OSBPL2 Rabbit Polyclonal Antibody (IP: 4 µg; detection: 1:500).

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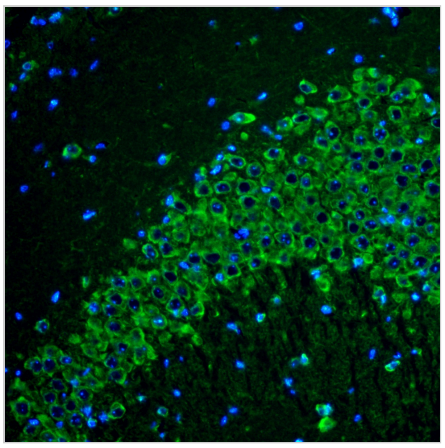

Immunofluorescent analysis of 4% PFA-fixed, paraffin-embedded mouse brain tissue using OSBPL2 Rabbit Polyclonal Antibody at 1:400 dilution. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com