

DATASHEET

ORP-2 Rabbit Polyclonal Antibody

CAT. NO. APA16380

KEY FEATURES

Target	ORP-2	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Intracellular transport protein that binds sterols and phospholipids and mediates lipid transport between intracellular compartments. Increases plasma membrane cholesterol levels and decreases phosphatidylinositol-4,5-bisphosphate levels in the cell membrane. Binds phosphoinositides, such as phosphatidylinositol-4,5-bisphosphate. Exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate. Binds cholesterol, dehydroergosterol, 22(R)-hydroxycholesterol and 25-hydroxycholesterol (in vitro).

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

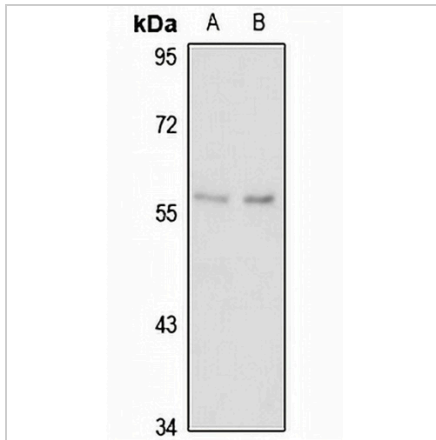
Description	Rabbit polyclonal antibody to ORP-2
Specificity	Recognizes endogenous levels of ORP-2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ORP-2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 53; Observed: 56 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA0772; ORP2; Oxysterol-binding protein-related protein 2; ORP-2; OSBP-related protein 2
Gene Symbol	OSBPL2
Entrez Gene	9885(Human); 228983(Mouse)
SwissProt	Q9H1P3(Human); Q8BX94(Mouse)

*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

Western blot analysis of ORP-2 expression in A549 (A), HepG2 (B) whole cell lysates. (Predicted band size: 53; 55 kD; Observed band size: 56 kD)

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.