ARG63387
anti-OSBPL2 / ORP2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes OSBPL2 / ORP2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms (represented by NP_055650.1 and NP_653081.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	OSBPL2 / ORP2
Species	Human
Immunogen	YFERNFSDCPDIY
Conjugation	Un-conjugated
Alternate Names	Oxysterol-binding protein-related protein 2; ORP-2; DNFA67; ORP2; OSBP-related protein 2; DFNA67

Application Instructions

Application table

Application	Dilution
WB	1 - 2 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

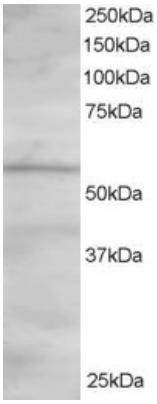
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 9885 Human Swiss-port # Q9H1P3 Human
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 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 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. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	55 kDa

Images



ARG63387 anti-OSBPL2 / ORP2 antibody WB image

Western blot: Human heart lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63387 anti-OSBPL2 / ORP2 antibody at 1.5 µg/ml dilution.