

ARG43970 anti-ORP10 / OSBPL10 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ORP10 / OSBPL10
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ORP10 / OSBPL10
Species	Human
Immunogen	Human ORP10 / OSBPL10 recombinant protein
Conjugation	Un-conjugated
Alternate Names	OSBPL10; Oxysterol Binding Protein Like 10; Oxysterol-Binding Protein-Related Protein 10; OSBP-Related Protein 10; ORP-10; ORP10; OSBP9; Oxysterol Binding Protein-Like 10

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg/1x10 ⁶
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

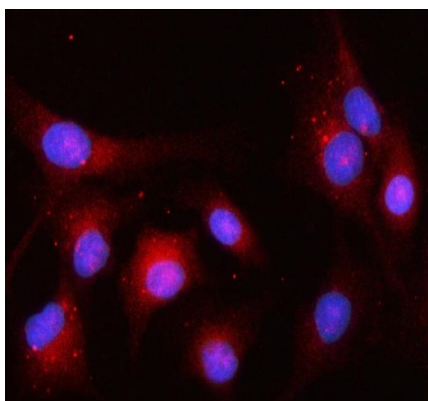
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
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.

Bioinformation

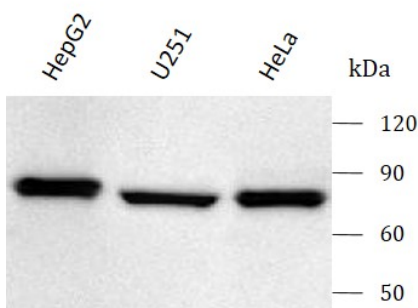
Gene Symbol	OSBPL10
Gene Full Name	Oxysterol Binding Protein Like 10
Background	This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Like most members, the encoded protein contains an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. Multiple transcript variants encoding different isoforms have been found for this gene.
Function	Probable lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane. Its ability to bind phosphatidylserine, suggests that it specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P (PubMed:23934110) (Probable). Plays a role in negative regulation of lipid biosynthesis.
Calculated Mw	84 kDa
PTM	Methylation, Phosphoprotein
Cellular Localization	Cytoplasm, Cytoskeleton

Images



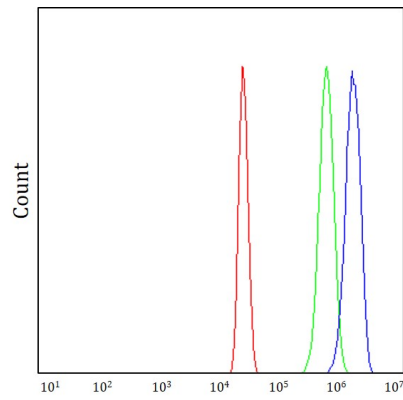
ARG43970 anti-ORP10 / OSBPL10 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG43970 anti-ORP10 / OSBPL10 antibody at 5 µg/ml dilution.



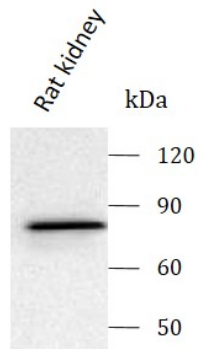
ARG43970 anti-ORP10 / OSBPL10 antibody WB image

Western blot: HepG2, U251 and HeLa stained with ARG43970 anti-ORP10 / OSBPL10 antibody at 0.5 µg/mL dilution.



ARG43970 anti-ORP10 / OSBPL10 antibody FACS image

Flow Cytometry: A549 cells stained with ARG43970 anti-ORP10 / OSBPL10 antibody (blue) at 1 µg/1x10⁶ cells dilution.



ARG43970 anti-ORP10 / OSBPL10 antibody WB image

Western blot: Rat kidney stained with ARG43970 anti-ORP10 / OSBPL10 antibody at 0.5 µg/mL dilution.