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Datasheet for ABIN7162397

anti-OSBP antibody (AA 628-802) (FITC)

Overview

Quantity:	100 µL
Target:	OSBP
Binding Specificity:	AA 628-802
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OSBP antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Oxysterol-binding protein 1 protein (628-802AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OSBP
Alternative Name:	OSBP (OSBP Products)
Background:	Background: Lipid transporter involved in lipid countertransport between the Golgi complex and membranes of the endoplasmic reticulum: specifically exchanges sterol with

Target Details

phosphatidylinositol 4-phosphate (PI4P), delivering sterol to the Golgi in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum (PubMed:24209621). Binds cholesterol and a range of oxysterols including 25-hydroxycholesterol (PubMed:15746430, PubMed:17428193). Cholesterol binding promotes the formation of a complex with PP2A and a tyrosine phosphatase which dephosphorylates ERK1/2, whereas 25-hydroxycholesterol causes its disassembly (PubMed:15746430). Regulates cholesterol efflux by decreasing ABCA1 stability (PubMed:18450749).
Aliases: OSBP 1 antibody, OSBP antibody, OSBP1_HUMAN antibody, Oxysterol binding protein 1 antibody, Oxysterol-binding protein 1 antibody

UniProt: [P22059](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.