

OSBP antibody

Product Information

Catalog No.:	FNab06016
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Lipid transporter involved in lipid countertransport between the Golgi complex and membranes of the endoplasmic reticulum: specifically exchanges sterol with 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).

Immunogen information

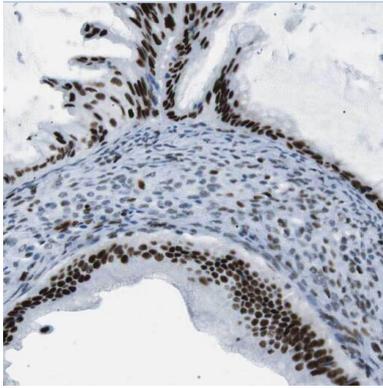
Immunogen:	oxysterol binding protein
Synonyms:	Oxysterol-binding protein 1 OSBP OSBP1
Observed MW:	89 kDa
Uniprot ID :	P22059

Application

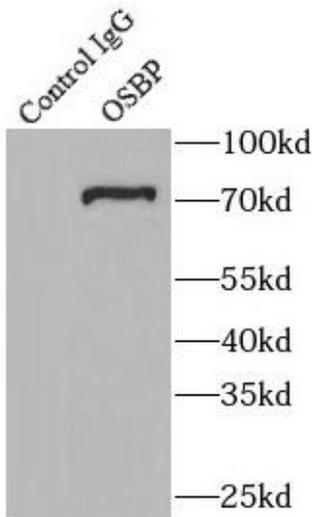
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

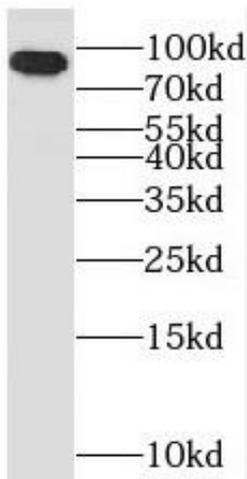
Image:



Immunohistochemistry of paraffin-embedded human ovary tumor using FNab06016(OSBP antibody) at dilution of 1:50



IP result of anti-OSBP(FNab06016 for IP and Detection).



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06016(OSBP antibody) at dilution of 1:800