

OSBPL3 antibody

Product Information

Catalog No.:	FNab06021
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

Phosphoinositide-binding protein which associates with both cell and endoplasmic reticulum(ER) membranes(PubMed:16143324). Can bind to the ER membrane protein VAPA and recruit VAPA to plasma membrane sites, thus linking these intracellular compartments(PubMed:25447204). The ORP3-VAPA complex stimulates RRAS signaling which in turn attenuates integrin beta-1(ITGB1) activation at the cell surface(PubMed:18270267, PubMed:25447204). With VAPA, may regulate ER morphology(PubMed:16143324). Has a role in regulation of the actin cytoskeleton, cell polarity and cell adhesion(PubMed:18270267). Binds to phosphoinositides with preference for PI(3,4)P2 and PI(3,4,5)P3(PubMed:16143324). Also binds 25-hydroxycholesterol and cholesterol(PubMed:17428193).

Immunogen information

Immunogen:	oxysterol binding protein-like 3
Synonyms:	Oxysterol-binding protein-related protein 3 (ORP-3, OSBP-related protein 3) OSBPL3 KIAA0704 ORP3 OSBP3
Observed MW:	101 kDa
Uniprot ID :	Q9H4L5

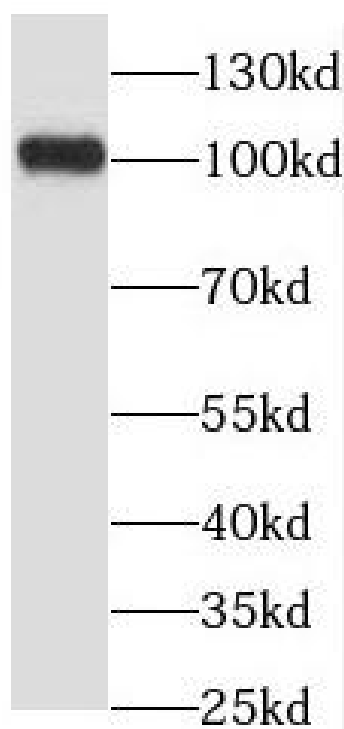
Application

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

Recommended dilution: WB: 1:500-1:2000

Image:



Y79 cells were subjected to SDS PAGE followed by western blot with FNab06021(OSBPL3 antibody) at dilution of 1:400