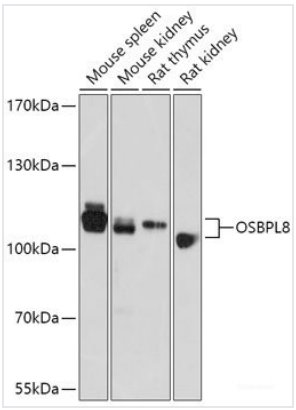
OSBPL8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OSBPL8, Polyclonal Antibody
Full Product Name	OSBPL8 Polyclonal Antibody
Product Gene Name	anti-OSBPL8 antibody
Product Synonym Names	MST120; MSTP120; ORP8; OSBP10; OSBPL8
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	99,714 Da
3D Structure	ModBase 3D Structure for Q9BZF1
Immunogen	Recombinant fusion protein of human OSBPL8 (NP_0658921)
Conjugation	Unconjugated
Product Categories/Family for anti-OSBPL8 antibody	Polyclonal Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OSBPL8 antibody	Western Blot (WB)
Application Notes for anti-OSBPL8 antibody	WB: 1:500-1:2000
Related Product Information for anti-OSBPL8 antibody	This gene encodes a member of a family of proteins containing an N-terminal pleckstrin homology domain and a highly conserved C-terminal oxysterol-binding protein-like sterol-binding domain. It binds mutliple lipid-containing molecules, including phosphatidylserine, phosphatidylinositol 4-phosphate (PI4P) and oxysterol, and promotes their exchange between the endoplasmic reticulum and the plasma membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Other Notes	Small volumes of anti-OSBPL8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for OSBPL8 purchase	MBS2566073 is an antibody targeting OSBPL8. Also known as OSBPL8 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-OSBPL8 antibody
Western blot analysis of extracts of various cell lines using OSBPL8 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OSBPL8. It may not necessarily be applicable to this product.

NCBI GI #	985567518
NCBI GeneID	114882
NCBI Accession #	NP_001306582.1
UniProt Primary Accession #	Q9BZF1
UniProt Secondary Accession #	Q52LQ3; Q68D75; Q8WXP8; Q9P277; A8K1T2; E9PE66; E9PE68
UniProt Related Accession #	Q9BZF1
GenBank Nucleotide #	NM_001319653.1
NCBI Official Full Name	oxysterol-binding protein-related protein 8 isoform c
NCBI Official Synonym Full Names	oxysterol binding protein like 8
NCBI Official Symbol	OSBPL8
NCBI Official Synonym Symbols	ORP8; MST120; OSBP10; MSTP120
UniProt Protein Name	Oxysterol-binding protein-related protein 8
Protein Family	Oxysterol-binding protein-related protein
UniProt Gene Name	OSBPL8
UniProt Synonym Gene Names	; ORP-8; OSBP-related protein 8
NCBI Protein Information	oxysterol-binding protein-related protein 8
UniProt Comments for OSBPL8	Lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane: specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum. Binds phosphatidylserine and PI4P in a mutually exclusive manner (PubMed:26206935). Binds oxysterol, 25-hydroxycholesterol and cholesterol (PubMed:17428193, PubMed:17991739, PubMed:21698267).
Research Articles on OSBPL8	**1.** Examination of a series of deletion constructs demonstrated that both the N-terminal polybasic region and the PH domain are required for proper targeting of the short splice variant ORP8S to the PM-ER contact site in Chinese hamster ovary cells.

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