



## Rabbit Anti-ORP8 antibody

SL6334R

<b>Product Name:</b>	ORP8
<b>Chinese Name:</b>	氧化固醇Binding protein8抗体
<b>Alias:</b>	MST120; MSTP120; ORP 8; OSBP related protein 8; OSBP10; OSBPL8; Oxysterol binding protein like 8; Oxysterol binding protein like protein 8; Oxysterol binding protein related protein 8; OSBL8 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	101kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ORP8:121-220/889
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	ORP8 is a member of the oxysterol-binding protein related protein family. In humans, the gene family consists of 12 members, and extensive splice variation increases the number of encoded protein products substantially. The ORPs have been implicated as sterol sensors that regulate a number of cellular functions including sterol and neutral lipid metabolism, intracellular lipid transport, membrane trafficking and cell signaling.

ORP8 has been recently shown to act as a sterol sensor that affects the reverse cholesterol transport process via modulation of ABCA1 expression and macrophage cholesterol efflux.

**Subcellular Location:**  
Endoplasmic reticulum

**Tissue Specificity:**  
Widely expressed.

**Similarity:**  
Belongs to the OSBP family.  
Contains 1 PH domain.

**SWISS:**  
Q9BZF1

**Gene ID:**  
114882

**Database links:**

[Entrez Gene: 114882](#)Human

[Entrez Gene: 237542](#)Mouse

[Omid: 606736](#)Human

[SwissProt: Q9BZF1](#)Human

[SwissProt: B9EJ86](#)Mouse

[Unigene: 220204](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.