SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-ORP8 antibody

Catalog Number: SL6334R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	ORP8
Immunogen:	KLH conjugated synthetic peptide derived from human ORP8: 121-220/889
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Sheep)
Predicted MW.:	101kDa
Subcellular Location:	cytoplasmic
Background:	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.

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

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	Contains 1 PH domain. **Database links:** **Entrez Gene:** 114882 Human **Entrez Gene:** 237542 Mouse Omim: 606736 Human **SwissProt:** Q9BZF1 Human **SwissProt:** B9EJ86 Mouse **Unigene:** 220204 Mouse

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