SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-THRSP/AF647 Conjugated antibody

Catalog Number: SL6738R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-THRSP/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human THRSP
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Rabbit)
Background:	background: Plays a role in the regulation of lipogenesis, especially in lactating mammary gland. Important for the biosynthesis of triglycerides with medium-length fatty acid chains. May modulate lipogenesis by interacting with MID1IP1 and preventing its interaction with ACACA (By similarity). May function as transcriptional coactivator. May modulate the transcription factor activity of THRB.Mainly expressed in tissues that synthesize triglycerides. **Function:** Plays a role in the regulation of lipogenesis, especially in lactating mammary gland. Important for the biosynthesis of triglycerides with medium-length fatty acid chains. May modulate lipogenesis by interacting with MID1IP1 and preventing its interaction with ACACA (By similarity). May function as transcriptional coactivator. May modulate the transcription factor activity of THRB. **Subunit:** Homodimer. Heterodimer with MID1IP1. Interacts with THRB and PLAGL1.

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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	Subcellular Location: Cytoplasm.Nucleus. **Tissue Specificity:** Mainly expressed in tissues that synthesize triglycerides. **Similarity:** Mainly expressed in tissues that synthesize triglycerides. Belongs to the SPOT14 family. **Database links:** **Entrez Gene:** 7069 Human **Entrez Gene:** 21835 Mouse **Entrez Gene:** 25357 Rat Omim: 601926 Human **SwissProt:** Q92748 Human **SwissProt:** Q62264 Mouse **SwissProt:** P04143 Rat **Unigene:** 591969 Human **Unigene:** 28585 Mouse **Unigene:** 81140 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.