



Rabbit Anti-THRSP antibody

SL6738R

Product Name:	THRSP
Chinese Name:	甲状腺激素反应蛋白抗体
Alias:	Lpgp; LPGP1; S14; S14 protein; SPOT 14; Spot 14 protein; SPOT14; SPOT14 homolog; Thrsp; THRSP_HUMAN; Thyroid hormone inducible hepatic protein; Thyroid hormone responsive (SPOT14 homolog rat); Thyroid hormone responsive; Thyroid hormone responsive protein; Thyroid hormone responsive SPOT14; Thyroid hormone-inducible hepatic protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=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.
Molecular weight:	17kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human THRSP:116-145/146
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

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.

SWISS:

Q92748

Gene ID:

7069

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

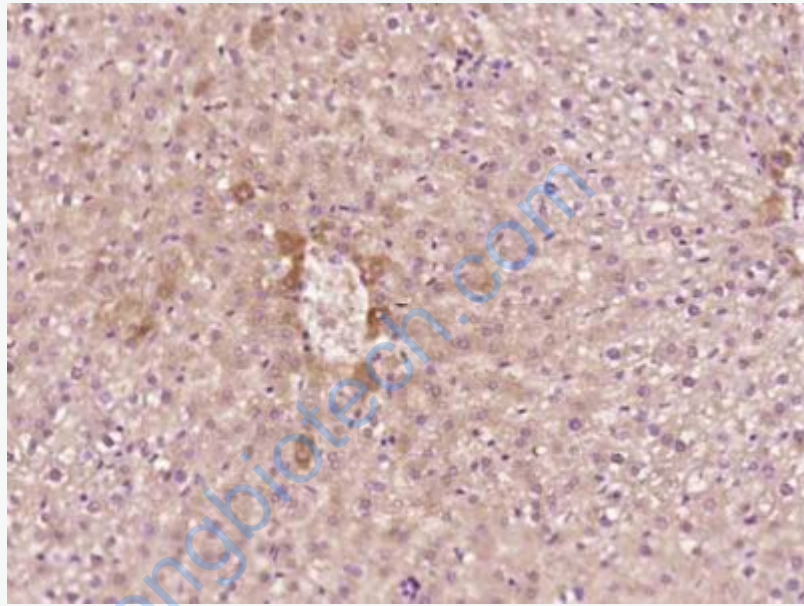
[Unigene: 591969](#)Human

[Unigene: 28585](#)Mouse

[Unigene: 81140Rat](#)

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (THRSP) Polyclonal Antibody, Unconjugated (SL6738R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.