

**THRSP Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21996a****Specification**

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**THRSP Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q92748</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	16561

**THRSP Antibody (N-Term) - Additional Information****Gene ID** 7069**Other Names**

Thyroid hormone-inducible hepatic protein, Spot 14 protein, S14, SPOT14, THRSP

**Target/Specificity**

This THRSP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 18-48 amino acids from human THRSP.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

THRSP Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**THRSP Antibody (N-Term) - Protein Information****Name** THRSP**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 MID1P1 and preventing its interaction with ACACA (By similarity).

May function as transcriptional coactivator. May modulate the transcription factor activity of THRB.

#### Cellular Location

Nucleus. Cytoplasm

#### Tissue Location

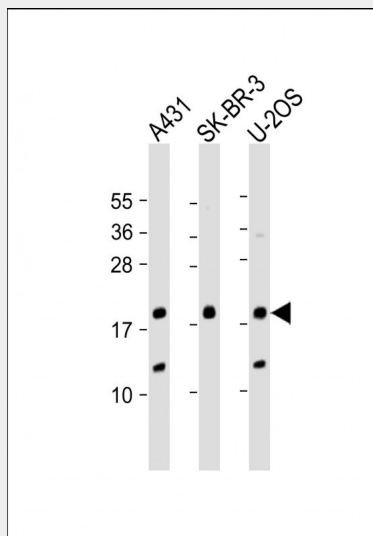
Mainly expressed in tissues that synthesize triglycerides

### THRSP Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### THRSP Antibody (N-Term) - Images



All lanes : Anti-THRSP Antibody (N-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: SK-BR-3 whole cell lysate Lane 3: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### THRSP Antibody (N-Term) - 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.

### THRSP Antibody (N-Term) - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).  
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Chou W.Y., et al. Biochem. Biophys. Res. Commun. 357:133-138(2007).  
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