

# THRSP Polyclonal antibody

Catalog Number: 13054-1-AP

Featured Product

5 Publications

## Basic Information

## Catalog Number:

13054-1-AP

## Size:

500 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG3721

## GenBank Accession Number:

BC031989

## GeneID (NCBI):

7069

## UNIPROT ID:

Q92748

## Full Name:

thyroid hormone responsive (SPOT14 homolog, rat)

## Calculated MW:

146 aa, 17 kDa

## Observed MW:

20 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:100-1:600

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

WB

## Species Specificity:

human, mouse, rat

## Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB: mouse liver tissue,

IP: mouse liver tissue,

IHC: human liver tissue, human liver cancer tissue, human breast cancer tissue

## Background Information

THRSP (Thyroid hormone-inducible hepatic protein) is a protein that in humans is encoded by the THRSP gene. The protein encoded by this gene is similar to the gene product of S14, a rat gene whose expression is limited to liver and adipose tissue and is controlled by nutritional and hormonal factors. This gene has been shown to be expressed in liver and adipocytes, particularly in lipomatous modules. It is also found to be expressed in lipogenic breast cancers, which suggests a role in controlling tumor lipid metabolism (RefSeq). This antibody works well in IHC, WB and IF.

## Notable Publications

| Author         | Pubmed ID | Journal              | Application |
|----------------|-----------|----------------------|-------------|
| Yen-Ting Chen  | 27749565  | Medicine (Baltimore) |             |
| Ni Zeng        | 29604329  | Mol Cell Endocrinol  | WB          |
| Maria A Ahonen | 35715726  | Mol Med              | WB          |

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

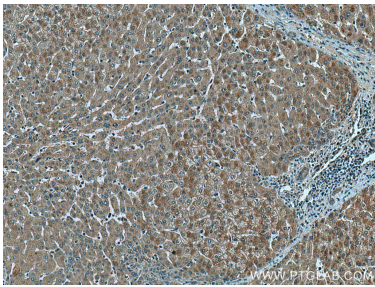
For technical support and original validation data for this product please contact:

T: 4006900926

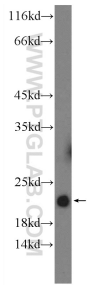
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

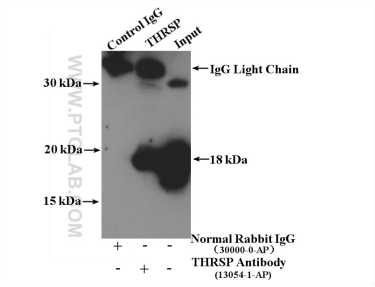
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13054-1-AP (THRSP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse liver tissue were subjected to SDS PAGE followed by western blot with 13054-1-AP (THRSP Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-THRSP (IP:13054-1-AP, 4ug; Detection:13054-1-AP 1:300) with mouse liver tissue lysate 6000ug.