

For Research Use Only

THRSP Polyclonal antibody

Catalog Number: 13054-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

13054-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: mouse liver tissue,

IP: mouse liver tissue,

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

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

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

*** 20ul sizes contain 0.1% BSA

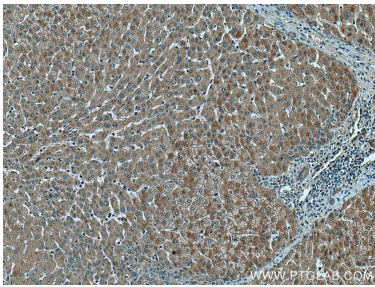
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

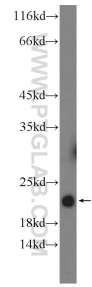
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W: ptglab.com

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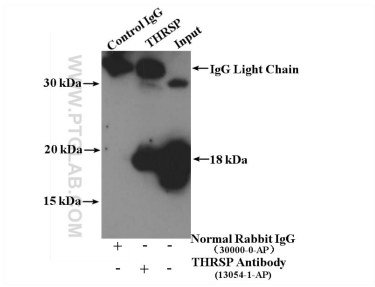
Selected Validation Data



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.