

THRSP Polyclonal Antibody

Catalog number: 13054-1-AP

Size: 40 µg/150 µl

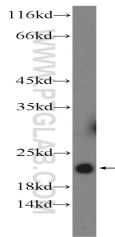
Source: Rabbit

Isotype: IgG

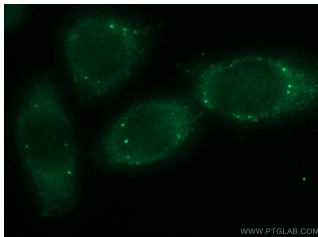
Synonyms:

THRSP; S14, Spot 14 protein,

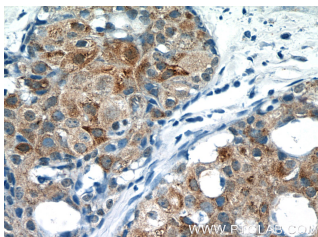
SPOT14, THRSP



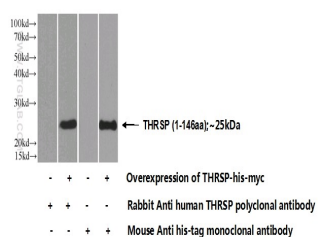
mouse liver tissue were subjected to SDS PAGE followed by western blot with 13054-1-AP(THRSP Antibody) at dilution of 1:1000



Immunofluorescent analysis of MCF-7 cells using 13054-1-AP(THRSP Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 13054-1-AP(THRSP Antibody) at dilution of 1:50 (under 40x lens)



Transfected HEK-293 cells were subjected to SDS PAGE

Background

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.

Applications

Tested applications:	ELISA, IHC, IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated THRSP MW:	146aa, 17 kDa
Observed THRSP MW:	20kd
Positive WB detected in	Mouse liver tissue, Transfected HEK-293 cells
Positive IHC detected in	Human breast cancer tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:500-1:5000
	IHC: 1:20-1:200
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3721
GenBank accession number:	BC031989
Gene ID (NCBI):	7069
Full name:	Thyroid hormone responsive (SPOT14 homolog, rat)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

followed by western blot with
13054-1-AP(THRSP
Antibody) at dilution of 1:700