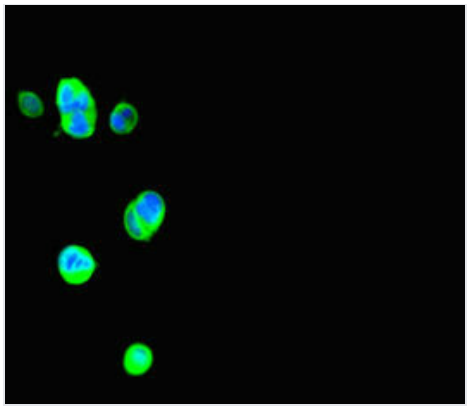
THRSP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Thrsp, Polyclonal Antibody
Full Product Name	Thrsp Antibody
Product Gene Name	anti-Thrsp antibody
Product Synonym Names	Thyroid hormone-inducible hepatic protein; Spot 14 protein; S14; SPOT14; Thrsp; S14
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: Thrsp (MBS7046272) FITC Conjugated Antibody: Thrsp (MBS7043791)
Matching Pairs	Unconjugated Antibody: Thrsp (MBS7046272) Biotin Conjugated Antibody: Thrsp (MBS7043892)
Matching Pairs	Unconjugated Antibody: Thrsp (MBS7046272) HRP Conjugated Antibody: Thrsp (MBS7043950)
Molecular Weight	17,093 Da
3D Structure	ModBase 3D Structure for Q62264
Species	Mouse
Immunogen	Recombinant mouse Thyroid hormone-inducible hepatic protein (1-150AA)
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Thrsp antibody	ELISA (EIA), Immunofluorescence (IF)
Related Product Information for anti-Thrsp antibody	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. May function as transcriptional coactivator. May modulate the transcription factor activity of THRB (By similarity).
Other Notes	Small volumes of anti-Thrsp antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Thrsp purchase	MBS7046272 is an antibody targeting Thrsp. Also known as Thrsp Antibody. Reactive in Mouse, Human. Host: Rabbit.



Immunofluorescence (IF) of anti-Thrsp antibody
Immunofluorescent analysis of MCF7 cells using MBS7046272 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Thrsp. It may not necessarily be applicable to this product.

NCBI GI #	6678345
NCBI GeneID	21835
NCBI Accession #	NP_033407.1
UniProt Primary Accession #	Q62264
UniProt Related Accession #	Q62264
GenBank Nucleotide #	NM_009381.3
NCBI Official Full Name	thyroid hormone-inducible hepatic protein
NCBI Official Synonym Full Names	thyroid hormone responsive
NCBI Official Symbol	Thrsp
NCBI Official Synonym Symbols	S14; SPOT14
UniProt Protein Name	Thyroid hormone-inducible hepatic protein
UniProt Synonym Protein Names	Spot 14 protein; S14; SPOT14
Protein Family	Thyroid hormone-inducible hepatic protein
UniProt Gene Name	Thrsp
UniProt Synonym Gene Names	S14; S14; SPOT14
UniProt Entry Name	THRSP_MOUSE
NCBI Protein Information	thyroid hormone-inducible hepatic protein
UniProt Comments for Thrsp	THRSP: 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. May function as transcriptional coactivator. May modulate the transcription factor activity of THRB. Belongs to the SPOT14 family. Protein type: Unknown function Cellular Component: cytosol; nucleoplasm Molecular Function: protein binding; protein homodimerization activity Biological Process: regulation of lipid biosynthetic process

Research Articles on Thrsp	**1.** S14 has a potential role in regulating mammary tumor growth and fatty acid synthesis in vivo. Modulating the amount of medium chain fatty acids, by changing the levels of S14, has the potential to impact malignant mammary tumor phenotypes.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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