

ARG59374
anti-THRSP antibodyPackage: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes THRSP |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | THRSP |
| Species | Human |
| Immunogen | KLH-conjugated synthetic peptide between aa. 18-48 of Human THRSP. |
| Conjugation | Un-conjugated |
| Alternate Names | Lpgp; SPOT14; Thyroid hormone-inducible hepatic protein; S14; LPGP1; Spot 14 protein; THRP |

Application Instructions

| | | |
|-------------------|--|----------|
| Application table | Application | Dilution |
| | WB | 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | SK-BR-3 | |
| Observed Size | ~ 18 kDa | |

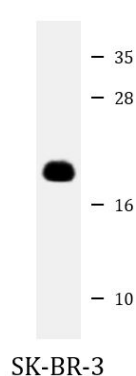
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purification with Protein A and immunogen peptide. |
| Buffer | PBS and 0.09% (W/V) Sodium azide. |
| Preservative | 0.09% (W/V) Sodium azide |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | THRSP |
| Gene Full Name | thyroid hormone responsive |
| Background | 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. [provided by RefSeq, Jul 2008] |
| 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 MID1IP1 and preventing its interaction with ACACA (By similarity). May function as transcriptional coactivator. May modulate the transcription factor activity of THRβ. [UniProt] |
| Calculated Mw | 17 kDa |
| Cellular Localization | Nucleus. Cytoplasm. [UniProt] |

Images



ARG59374 anti-THRSP antibody WB image

Western blot: 20 µg of SK-BR-3 cell lysate stained with ARG59374 anti-THRSP antibody at 1:2000 dilution.