

Datasheet for ABIN6952047
anti-THRA antibody (Atto 594)[Go to Product page](#)

4 Images

Overview

| | |
|--------------|--|
| Quantity: | 100 µg |
| Target: | THRA |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This THRA antibody is conjugated to Atto 594 |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

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|-------------------|---|
| Immunogen: | Synthetic peptide from the full length Human Thyroid hormone receptor protein |
| Clone: | H43 |
| Isotype: | IgG2a |
| Specificity: | Activated T lymphocytes, Detects 70 kDa. |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Protein A Purified |

Target Details

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|-------------------|---|
| Target: | THRA |
| Alternative Name: | Thyroid Hormone Receptor (THRA Products) |
| Background: | Thyroid hormone receptors are ligand dependent members of the steroid/retinoic acid |

Target Details

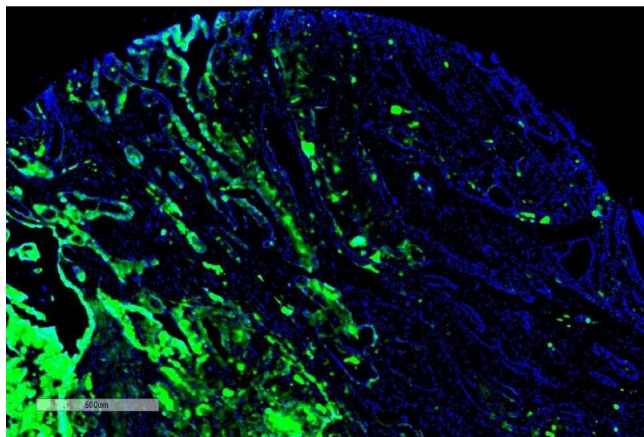
| | |
|-----------------|---|
| | superfamily of transcription factors. Thyroid hormones affect metabolic processes, growth and development. |
| Gene ID: | 7067 |
| NCBI Accession: | NM_001190918 |
| UniProt: | P10827 |
| Pathways: | Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Sensory Perception of Sound , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Maintenance of Protein Location , Skeletal Muscle Fiber Development |

Application Details

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|--------------------|--|
| Application Notes: | <ul style="list-style-type: none">• WB (1:500)• optimal dilutions for assays should be determined by the user. |
| Comment: | A 1:500 dilution of ABIN6952047 was sufficient for detection of Pan-Thyroid hormone receptor in 10 ug of Hep G2 Human Hepatoblastoma Cell lysate by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody. |
| Restrictions: | For Research Use only |

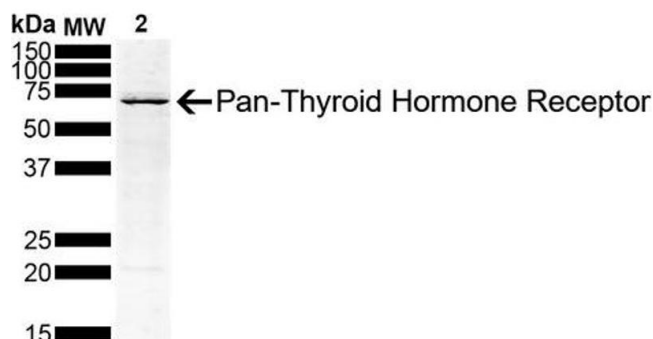
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS pH 7.4, 50 % glycerol, 0.09 % Sodium azide, Storage buffer may change when conjugated |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C |
| Storage Comment: | Conjugated antibodies should be stored at 4°C |



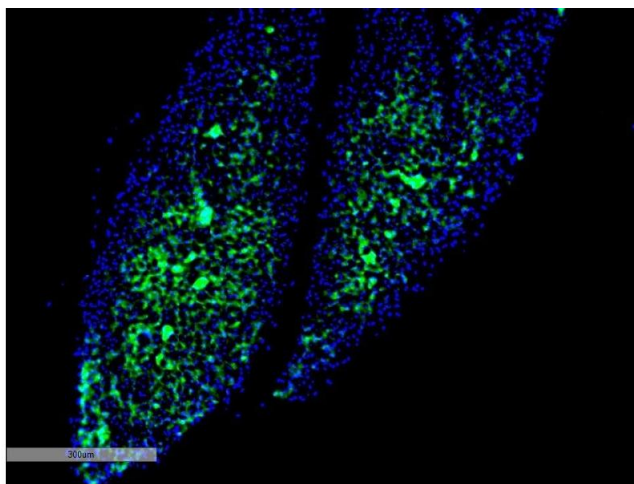
Immunohistochemistry

Image 1. Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952047). Tissue: Thyroid Cancer. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952047) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT. Magnification: 4X.



Western Blotting

Image 2. Western Blot analysis of Human Hep G2 Hepatoblastoma Cell lysate showing detection of Thyroid Hormone Receptor protein using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952047). Load: 10 µg. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952047) at 1:500 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-mouse IgG:HRP at 1:4000 for 1 hour at RT with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 min in RT. Other Band(s): Higher molecular weight bands could be due to PTMs.



Immunohistochemistry

Image 3. Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952047). Tissue: Thyroid. Species: Mouse. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952047) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT. Magnification: 7.5X.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6952047.