

Datasheet for ABIN6952042
anti-THRA antibody (APC)[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 APC
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

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

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

Target Details

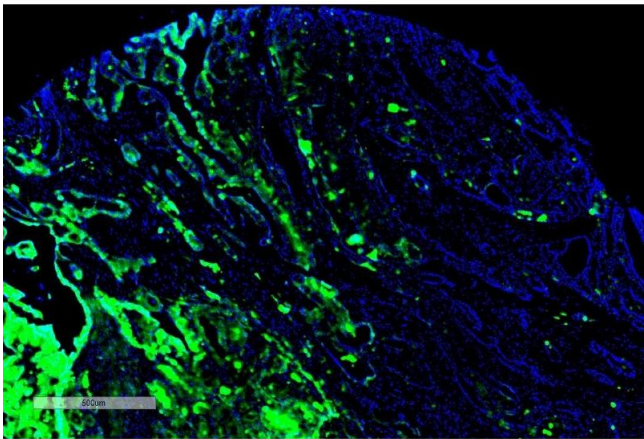
	superfamily of transcription factors. Thyroid hormones affect metabolic processes, growth and development.
Gene ID:	7067
NCBI Accession:	NM_001190918
UniProt:	P10827
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Sensory Perception of Sound , Cellular 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

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 ABIN6952042 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

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

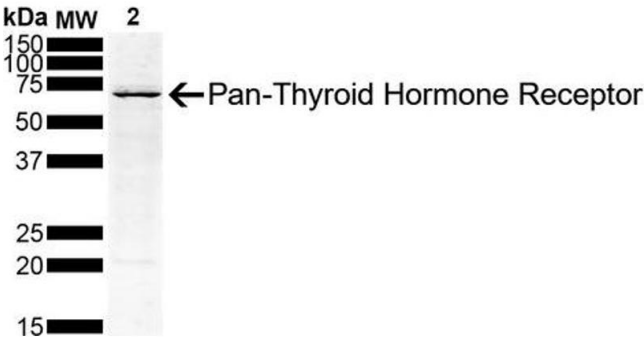


Immunohistochemistry

Image 1. Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952042). Tissue: Thyroid Cancer. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952042) 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.

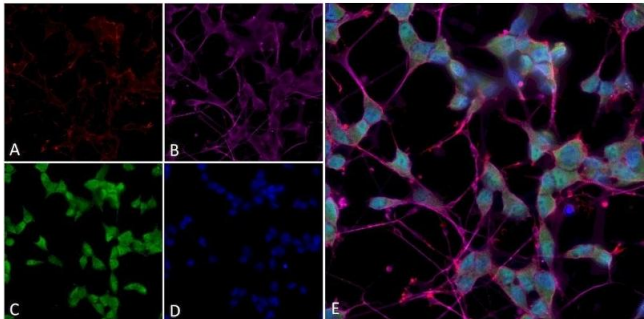
Western Blotting

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 (ABIN6952042). Load: 10 μg. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952042) 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.



Immunocytochemistry

Image 3. Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952042). Tissue: Differentiated SH-SY5Y. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952042) at 1:250. Secondary Antibody: AlexaFluor 488. Counterstain: phalloidin (Alexa 647, red), beta tubulin (Anti-beta III Tubulin Ab, Alexa 555, magenta) Hoechst (blue). (A) Phalloidin (B) Anti-beta III Tubulin Ab. (C) Thyroid Hormone Receptor Antibody. (D) Hoechst (E)



Composite.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6952042.