

Anti-Thyroid Hormone Receptor alpha antibody ab53729

★★★★★ [9 Abreviews](#) [13 References](#) [画像数 4](#)

製品の概要

製品名	Anti-Thyroid Hormone Receptor alpha antibody
製品の詳細	Rabbit polyclonal to Thyroid Hormone Receptor alpha
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ChIP, ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Human Thyroid Hormone Receptor alpha aa 8-59.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol, 0.87% Sodium chloride, PBS</p>
精製度	Without Mg+2 and Ca+2
特記事項 (精製)	Immunogen affinity purified
	ab53729 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab53729の使用に適用されます

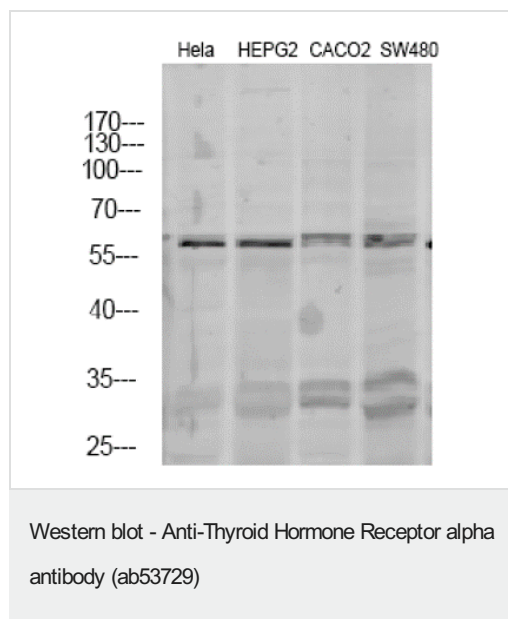
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (7)	1/500 - 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).
IHC-P		Use at an assay dependent concentration.
ChIP		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 1 - 5 µg/ml.

ターゲット情報

機能	Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine.
関連疾患	Hypothyroidism, congenital, non-goitrous, 6
配列類似性	Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.
ドメイン	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
細胞内局在	Nucleus.

画像



All lanes : Anti-Thyroid Hormone Receptor alpha antibody (ab53729) at 1/1000 dilution

Lane 1 : HeLa

Lane 2 : HepG2

Lane 3 : CACO2

Lane 4 : SW480

Secondary

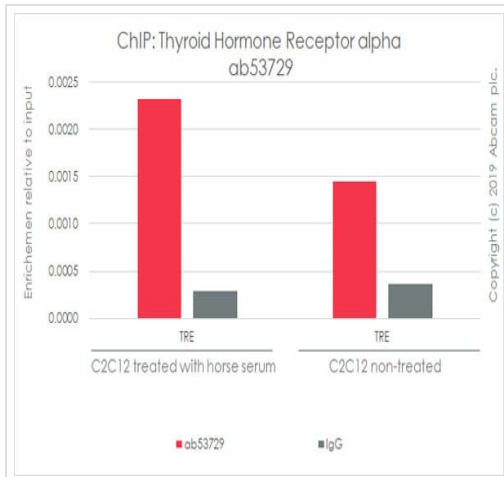
All lanes : Goat Anti-Rabbit IgG (H+L) HRP at 1/10000 dilution

Predicted band size: 55 kDa

Observed band size: 55 kDa

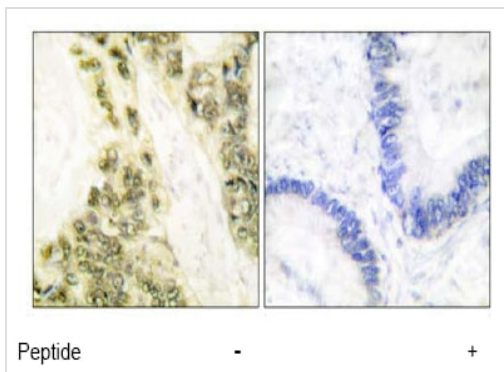
The molecular weight observed is consistent with what has been described in the literature.

Lot: 811200345



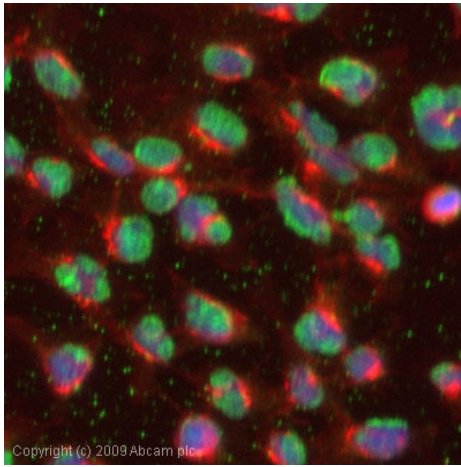
ChIP - Anti-Thyroid Hormone Receptor alpha
antibody (ab53729)

Chromatin was prepared from C2C12 cells according to the Abcam X-ChIP protocol. Cells were fixed with 1% formaldehyde for 10 minutes. The ChIP was performed with 25µg of chromatin, 5µg of ab53729 (red), and 20µl of protein A/G sepharose beads slurry (10µl of sepharose A beads + 10µl of sepharose G beads). 5µg of rabbit normal IgG was added to the beads control (grey). The immunoprecipitated DNA was quantified by real time PCR (Sybr green approach).



ab53729 at 1/50 dilution staining Thyroid Hormone Receptor alpha in human colon carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Thyroid Hormone
Receptor alpha antibody (ab53729)



Immunocytochemistry/ Immunofluorescence - Anti-Thyroid Hormone Receptor alpha antibody (ab53729)

ICC/IF image of ab53729 stained Hek293 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab53729, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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