




Anti-Retinoid X Receptor alpha/RXRA antibody ab24363

★★★★★ [2 Abreviews](#) [3 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Retinoid X Receptor alpha/RXRA antibody
製品の詳細	Goat polyclonal to Retinoid X Receptor alpha/RXRA
由来種	Goat
特異性	This does not cross-react with either RXR beta or gamma.
アプリケーション	適用あり: Flow Cyt (Intra), WB, ICC
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human Retinoid X Receptor alpha/RXRA aa 14-28 (N terminal). Sequence: (C)QVNSSLTSP TGRGSM <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	Flow Cyt (Intra): MCF7 cells.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

	chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

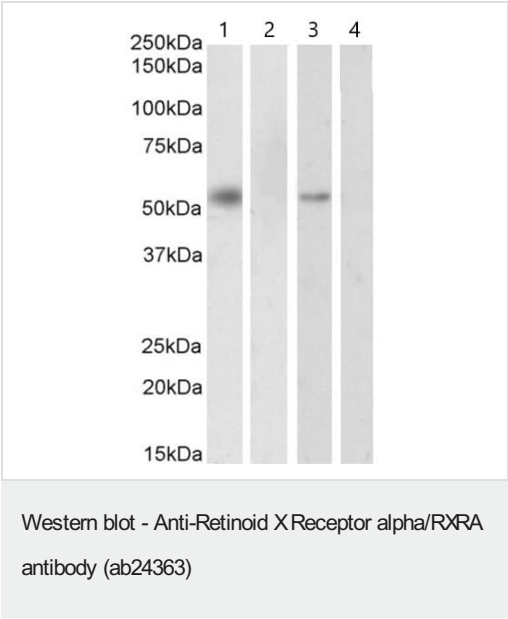
アプリケーション

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ab24363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
Flow Cyt (Intra)		Use a concentration of 10 µg/ml.
WB	★☆☆☆☆ (1)	Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 51 kDa). 1 hour primary incubation is recommended for this product.
ICC		Use a concentration of 10 µg/ml.

ターゲット情報

機能	Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high affinity ligand for RXRs is 9-cis retinoic acid. RXRA serves as a common heterodimeric partner for a number of nuclear receptors. The RXR/RAR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence of ligand, the RXR-RAR heterodimers associate with a multiprotein complex containing transcription corepressors that induce histone acetylation, chromatin condensation and transcriptional suppression. On ligand binding, the corepressors dissociate from the receptors and associate with the coactivators leading to transcriptional activation. The RXRA/PPARA heterodimer is required for PPARA transcriptional activity on fatty acid oxidation genes such as ACOX1 and the P450 system genes.
組織特異性	Highly expressed in liver, also found in lung, kidney and heart.
配列類似性	Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain.
ドメイン	Composed of three domains: a modulating N-terminal domain (AF1 domain), a DNA-binding domain and a C-terminal ligand-binding domain (AF2 domain).
翻訳後修飾	Phosphorylated on serine and threonine residues mainly in the N-terminal modulating domain. Constitutively phosphorylated on Ser-21 in the presence or absence of ligand. Under stress conditions, hyperphosphorylated by activated JNK on Ser-56, Ser-70, Thr-82 and Ser-260 (By similarity). Phosphorylated on Ser-27, in vitro, by PKA. This phosphorylation is required for repression of cAMP-mediated transcriptional activity of RARA. Sumoylation negatively regulates transcriptional activity. Desumoylated specifically by SENP6.
細胞内局在	Nucleus.



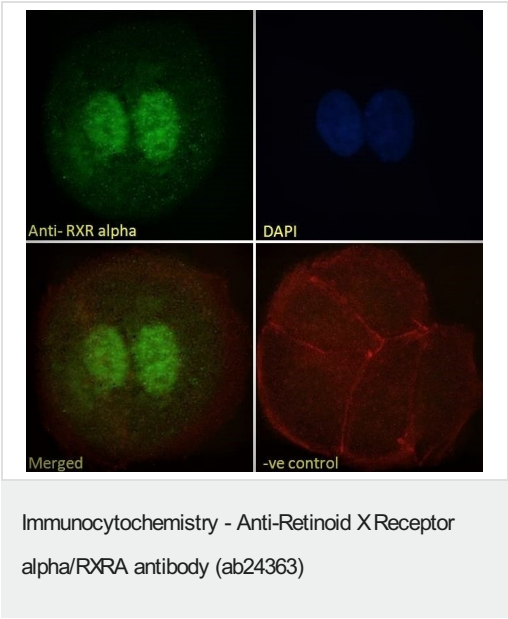
All lanes : Anti-Retinoid X Receptor alpha/RXRA antibody (ab24363) at 0.3 µg/ml

- Lane 1 :** HeLa nuclear lysate (in RIPA buffer)
- Lane 2 :** HeLa nuclear lysate (in RIPA buffer) with peptide
- Lane 3 :** K562 nuclear lysate (in RIPA buffer)
- Lane 4 :** K562 nuclear lysate (in RIPA buffer) with peptide

Lysates/proteins at 35 µg per lane.

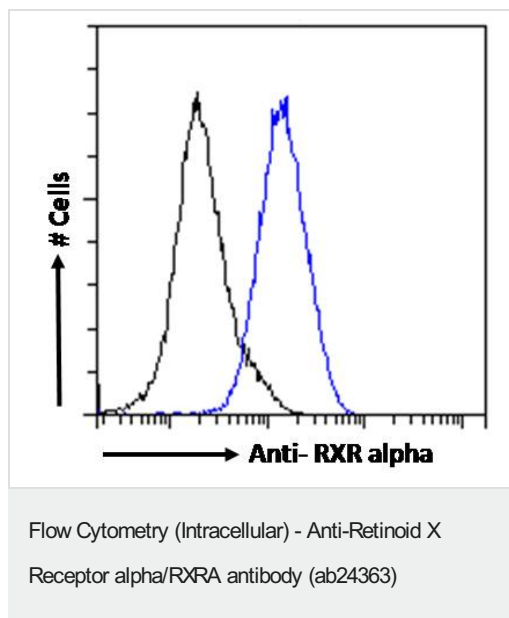
Predicted band size: 51 kDa
Observed band size: 55-60 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.



Immunocytochemistry analysis of MCF7 cells labelling Retinoid X Receptor alpha/RXRA with ab24363 at 10 µg/mL showing strong nuclear staining. Cells were fixed with paraformaldehyde and permeabilized with 0.15% Triton. Primary incubation for 1 hour. Alexa Fluor® 488 secondary antibody at 2 µg/mL (green). Actin filaments were stained with phalloidin (red). Nuclear DNA was labelled with DAPI (blue).

Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (2 µg/mL).



Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line) labelling Retinoid X Receptor alpha/RXRA with ab24363. Cells permeabilized with 0.5% Triton. Primary incubation 1 hour (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor® 488 secondary antibody.

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