


# Anti-KAT13C / NCOA2 antibody ab10508

**1 References** [画像数 3](#)

### 製品の概要

製品名	Anti-KAT13C / NCOA2 antibody
製品の詳細	Rabbit polyclonal to KAT13C / NCOA2
由来種	Rabbit
特異性	We have data to indicate that this antibody may not cross react with <i>Xenopus laevis</i> . However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
アプリケーション	<b>適用あり:</b> IP, IHC-P, WB
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Chimpanzee, Rhesus monkey, Gorilla 
免疫原	Synthetic peptide corresponding to KAT13C/ NCOA2. Database link: <a href="#">Q15596</a>
ポジティブ・コントロール	Nuclear or cytosolic extract from HeLa 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&amp;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 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
精製度	Immunogen affinity purified
特記事項(精製)	Antibodies were affinity purified using the peptide immobilized on solid support.
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

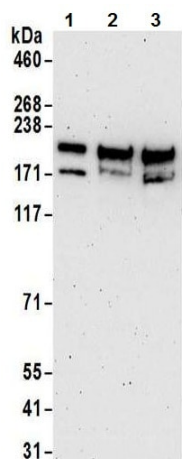
**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab10508の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at 1-4 µg/mg of lysate.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Predicted molecular weight: 159 kDa.

## ターゲット情報

機能	Transcriptional coactivator for steroid receptors and nuclear receptors. Coactivator of the steroid binding domain (AF-2) but not of the modulating N-terminal domain (AF-1). Required with NCOA1 to control energy balance between white and brown adipose tissues.
関連疾患	Note=Chromosomal aberrations involving NCOA2 may be a cause of acute myeloid leukemias. Inversion inv(8)(p11;q13) generates the KAT6A-NCOA2 oncogene, which consists of the N-terminal part of KAT6A and the C-terminal part of NCOA2/TIF2. KAT6A-NCOA2 binds to CREBBP and disrupts its function in transcription activation.
配列類似性	Belongs to the SRC/p160 nuclear receptor coactivator family. Contains 1 bHLH (basic helix-loop-helix) domain. Contains 1 PAS (PER-ARNT-SIM) domain.
ドメイン	Contains four Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs. The LXXLL motifs are essential for the association with nuclear receptors and are, at least in part, functionally redundant. The LLXXLXXXL motif is involved in transcriptional coactivation and CREBBP/CBP binding. Contains 2 C-terminal transcription activation domains (AD1 and AD2) that can function independently.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Nucleus.

## 画像



Western blot - Anti-KAT13C / NCOA2 antibody  
(ab10508)

**All lanes :** Anti-KAT13C / NCOA2 antibody (ab10508) at 1 µg/ml

**Lane 1 :** TCMK-1 whole cell lysate

**Lane 2 :** 4T1 whole cell lysate

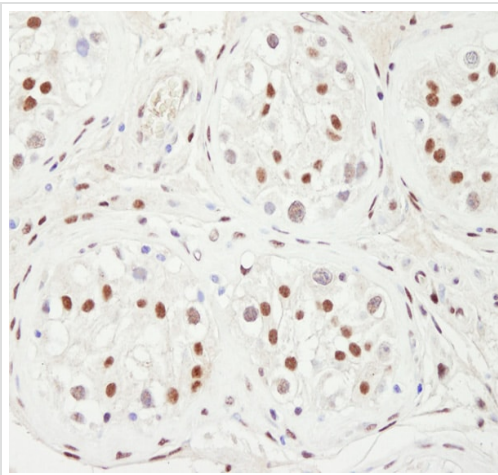
**Lane 3 :** CT26.WT whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

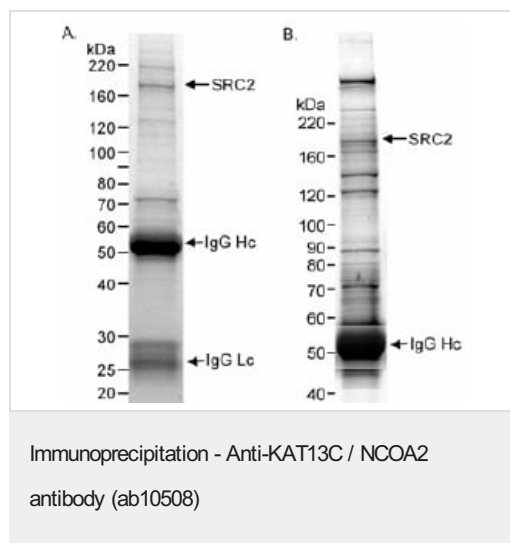
**Predicted band size:** 159 kDa

**Exposure time:** 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-KAT13C / NCOA2  
antibody (ab10508)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testicular seminoma tissue labelling KAT13C / NCOA2 with ab10508 at 1/1000 (1µg/ml). Detection: DAB.



ab10508 immunoprecipitation of human NCOA2 (SRC2).

*Samples:* Nuclear extract (A, 10 mg) or cytosolic (S100) extract (B, 10 mg) from HeLa cells. *Antibody:* ab10508 used at 20 µg/10 mg lysate. *Detection:* Coomassie Brilliant Blue R250 staining of SDS-PAGE gel followed by mass spectrometry to confirm the identity of the band that is NCOA2 (SRC2).

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