


# Anti-KAT13C / NCOA2 antibody ab10508

**1 References**   **3 图像**

### 概述

产品名称	Anti-KAT13C / NCOA2抗体
描述	兔多克隆抗体to KAT13C / NCOA2
宿主	Rabbit
特异性	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.
经测试应用	<b>适用于:</b> IP, IHC-P, WB
种属反应性	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Chimpanzee, Rhesus monkey, Gorilla 
免疫原	Synthetic peptide corresponding to KAT13C/ NCOA2. Database link: <a href="#">Q15596</a>
阳性对照	Nuclear or cytosolic extract from HeLa cells.
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
纯度	Immunogen affinity purified
纯化说明	Antibodies were affinity purified using the peptide immobilized on solid support.
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab10508 于以下的经测试应用

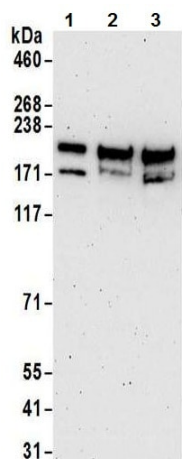
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
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.

## 靶标

功能	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.
疾病相关	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.
序列相似性	Belongs to the SRC/p160 nuclear receptor coactivator family. Contains 1 bHLH (basic helix-loop-helix) domain. Contains 1 PAS (PER-ARNT-SIM) domain.
结构域	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.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus.

## 图片



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

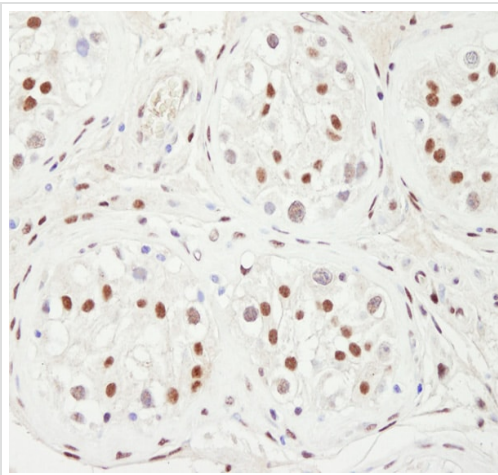
**Lane 3 :** CT26.WT whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

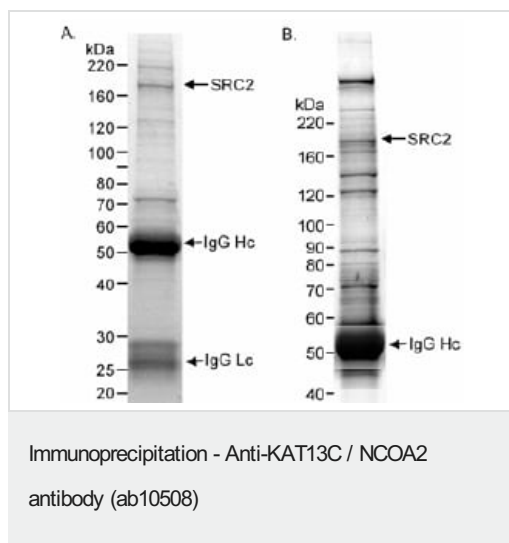
**Predicted band size:** 159 kDa

**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).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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