

Anti-ROR alpha/RORA antibody ab70061

[1 References](#) [2 图像](#)

概述

产品名称	Anti-ROR alpha/RORA抗体
描述	兔多克隆抗体to ROR alpha/RORA
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human, African green monkey
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human breast carcinoma tissue, extracts from HeLa and COS-7 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&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: 7.40 Preservative: 0.02% Sodium azide Constituents: 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine), PBS
	Without Mg ²⁺ and Ca ²⁺
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab70061 于以下的经测试应用

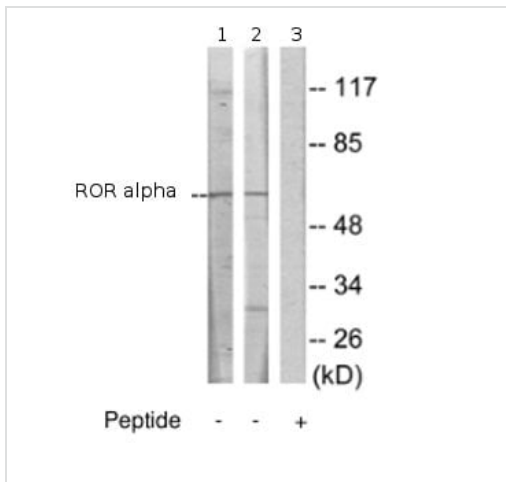
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 63 kDa (predicted molecular weight: 63 kDa).
IHC-P		1/50 - 1/100.

靶标

功能	Orphan nuclear receptor. Binds DNA as a monomer to hormone response elements (HRE) containing a single core motif half-site preceded by a short A-T-rich sequence. This isomer binds to the consensus sequence 5'-[AT][TA]A[AT][CGT]TAGGTCA-3'. Regulates a number of genes involved in lipid metabolism such as apolipoproteins AI, APOA5, CIII, CYP71 and PPARgamma, in cerebellum and photoreceptor development including PCP2, OPN1SW, OPN1SM AND ARR3, in circadian rhythm with BMAL1, and skeletal muscle development with MYOD1. Possible receptor for cholesterol or one of its derivatives.
组织特异性	Widely expressed in a number of tissues.
序列相似性	Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.
翻译后修饰	Phosphorylation by PKC in neurons inhibits transcriptional activity. Phosphorylated on Thr-216 by ERK2 in vitro. Sumoylated by SENP1 and SENP2. Sumoylation, promoted by PIAS2, PIAS3, PIASy but not PIAS1, enhances the transcriptional activity. Desumoylated by SENP1. Ubiquitinated. Ubiquitination is required for efficient transcriptional activity and is prevented by Hairless.
细胞定位	Nucleus.

图片



Western blot - Anti-ROR alpha/RORA antibody (ab70061)

All lanes : Anti-ROR alpha/RORA antibody (ab70061) at 1/500 dilution

Lane 1 : extract from HeLa cells

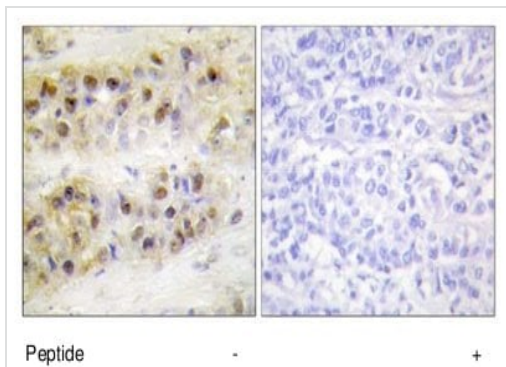
Lane 2 : extract from COS-7 cells

Lane 3 : extract from COS-7 cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 63 kDa

Observed band size: 63 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ROR alpha/RORA antibody (ab70061)

Human breast carcinoma tissue with ab70061 at 1/50 dilution, with and without the immunising peptide.

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

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