abcam

Product datasheet

Anti-RIP140 antibody ab42126

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概述

产品名称	Anti-RIP140抗体
描述	兔多克隆抗体to RIP140
宿主	Rabbit
特异性	ab42126 recognises the C terminal domain of RIP140
经测试应用	**适用于:** IP, WB, IHC-Fr, IHC (PFA fixed), ChIP, IHC-P, ICC/IF
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide (Human) corresponding to the C terminal domain of RIP140. Peptide available as **ab93493**.
常规说明	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. 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Constituents: 0.5% BSA, 30% Glycerol (glycerin, glycerine), 69.5% Tris HCl
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ab42126于以下的经测试应用**

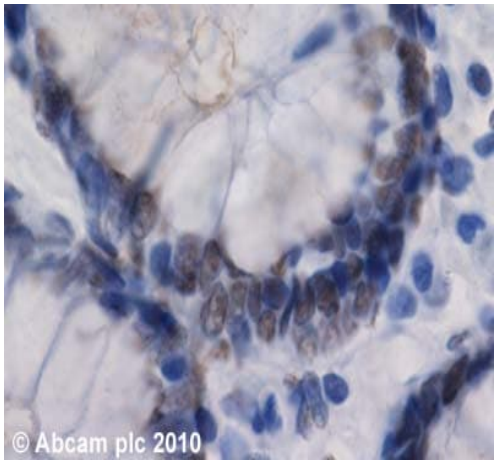
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC (PFA fixed)		Use at an assay dependent concentration.
ChIP		Use at an assay dependent concentration. PubMed: 21360626
IHC-P	★★★★☆ (1)	Use a concentration of 4 µg/ml.
ICC/IF		Use a concentration of 5 µg/ml.

靶标

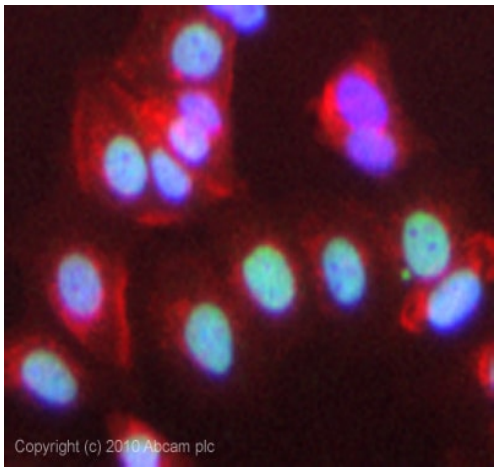
功能	Modulates transcriptional activation by steroid receptors such as NR3C1, NR3C2 and ESR1. Also modulates transcriptional repression by nuclear hormone receptors.
结构域	Contains 9 Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs, which have different affinities for nuclear receptors. The C-terminal LTKTNPILYYMLQK motif is required for ligand-dependent interaction with RAAR and RXRB homodimers and heterodimers, for the corepressor activity, and for the formation of an HDAC3 complex with RARA/RXRB (By similarity). Contains at least four autonomous repression domains (RD1-4). RD1 functions via a histone deacetylase (HDAC)-independent mechanism, whereas RD2, RD3 and RD4 can function by HDAC-dependent or independent mechanisms, depending on cell type. RD2 is dependent on CTBP binding.
翻译后修饰	Acetylation regulates its nuclear translocation and corepressive activity (By similarity). Acetylation abolishes interaction with CTBP1. Phosphorylation enhances interaction with YWHAH.
细胞定位	Nucleus. Localized to discrete foci and redistributes to larger nuclear domains upon binding to ligand-bound NR3C1.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RIP140 antibody (ab42126)

ab42126 (4µg/ml) staining RIP140 in human colon using an automated system (DAKO Autostainer Plus). Using this protocol there is staining of the nuclei of the intestinal glands.
Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H2O2 in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.



Immunocytochemistry/ Immunofluorescence - Anti-RIP140 antibody (ab42126)

ICC/IF image of ab42126 stained MCF7 cells. The cells were 4% formaldehyde 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 (ab42126, 5µg/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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