abcam

Product datasheet

Anti-Zinc finger MIZ domain-containing protein 1 antibody ab65767

2 图像

概述

产品名称	Anti-Zinc finger MIZ domain-containing蛋白1抗体
描述	兔多克隆抗体to Zinc finger MIZ domain-containing蛋白1
宿主	Rabbit
经测试应用	**适用于:** WB, ICC/IF
种属反应性	**与反应:** Human
免疫原	Synthetic peptide corresponding to Human Zinc finger MIZ domain-containing protein 1 aa 200-300 conjugated to keyhole limpet haemocyanin. (Peptide available as **ab90597**)
阳性对照	This antibody gave a positive signal in human testis tissue lysate.
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 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
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ab65767于以下的经测试应用**

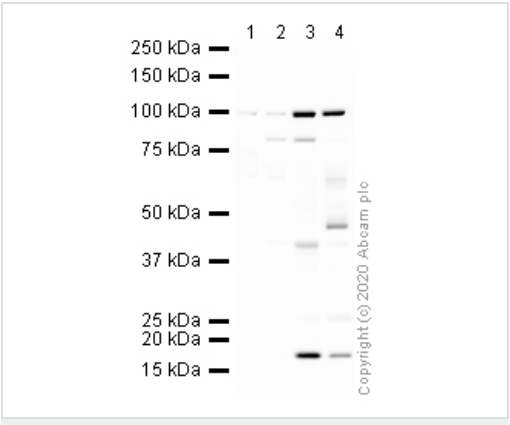
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 115 kDa (predicted molecular weight: 115 kDa).
ICC/IF		Use a concentration of 1 µg/ml.

靶标

功能	Increases ligand-dependent transcriptional activity of AR and promotes AR sumoylation. The stimulation of AR activity is dependent upon sumoylation.
组织特异性	Expressed most abundantly in ovary and, at lower levels, in prostate, spleen and testis. Weak expression, if any, in thymus, small intestine, colon and peripheral blood leukocytes.
序列相似性	Contains 1 SP-RING-type zinc finger.
结构域	The C-terminal proline-rich domain possesses a significant intrinsic transcriptional activity. This activity is inhibited by the N-terminus in the full-length protein.
细胞定位	Nucleus speckle. Cytoplasm.

图片



Western blot - Anti-Zinc finger MIZ domain-containing protein 1 antibody (ab65767)

All lanes : Anti-Zinc finger MIZ domain-containing protein 1 antibody (ab65767) at 1 µg/ml

Lane 1 : Human Ovary Tissue Lysate
Lane 2 : Human Prostate Tissue Lysate
Lane 3 : Human Spleen Tissue Lysate
Lane 4 : Human Testis Tissue Lysate

Lysates/proteins at 10 µg per lane.

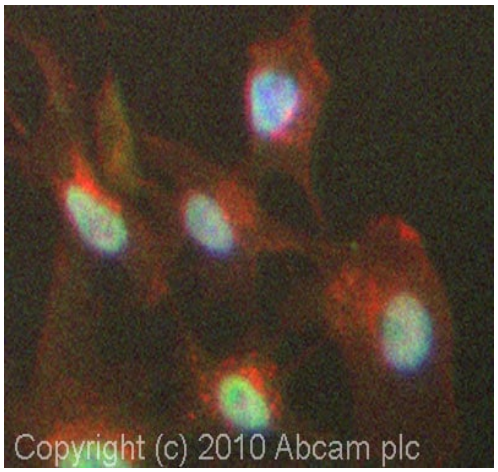
Secondary
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Performed under reducing conditions.

Predicted band size: 115 kDa
Observed band size: 100 kDa

Exposure time: 4 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab65767 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution ab133406.



Immunocytochemistry/ Immunofluorescence - Anti-Zinc finger MIZ domain-containing protein 1 antibody (ab65767)

ICC/IF image of ab65767 stained HepG2 cells. The cells were 4% PFA 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 (ab65767, 1µg/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. This antibody also gave a positive result in 4% PFA fixed (10 min) Hek293, HepG2 and MCF7 cells at 1µg/ml, and in 100% methanol fixed (5 min) HeLa, Hek293, HepG2 and MCF7 cells at 1µg/ml.

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