


Anti-iNOS antibody [K13-A] ab136918

★★★★☆ [11 Abreviews](#) [18 References](#) [3 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-iNOS抗体[K13-A] |
| 描述 | 兔单克隆抗体[K13-A] to iNOS |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Mouse 预测可用于: Rat  |
| 免疫原 | Synthetic peptide corresponding to a region of Human iNOS. |
| 表位 | Antibody recognizes the epitope located between Ser1118 - Gly1129 |
| 阳性对照 | Mouse brain tissue lysate - total protein (ab30151) can be used as a positive control in WB. Raw264.7 whole cell lysate (LPS treated) |
| 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 repeated freeze / thaw cycles. |
| 存储溶液 | pH: 8.00 Preservative: 0.05% Sodium azide Constituents: 0.32% Tris HCl, 1% BSA |
| 纯度 | Immunogen affinity purified |
| 纯化说明 | This immunoglobulin is the product of one single B-cell line from the crude anti-peptide polyclonal anti-serum. This antibody is purified using a proprietary technique and offers a completely post-translationally modified and properly glycosylated antibody. This offers increased stability. |
| 克隆 | 单克隆 |

克隆编号 K13-A
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab136918 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 | ★★★★★ (2) | 1/2000. Predicted molecular weight: 131 kDa. Incubate the membrane with antibody diluted in blocking buffer for 2 hours at room temperature. |

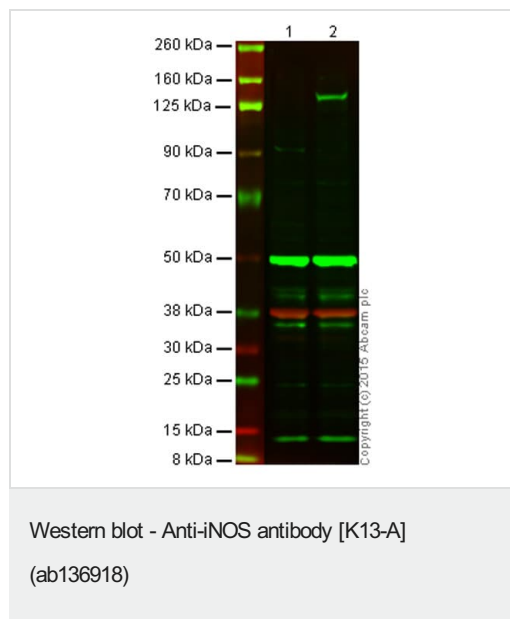
靶标

功能 Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such COX2.

组织特异性 Expressed in the liver, retina, bone cells and airway epithelial cells of the lung. Not expressed in the platelets.

序列相似性 Belongs to the NOS family.
Contains 1 FAD-binding FR-type domain.
Contains 1 flavodoxin-like domain.

图片



All lanes : Anti-iNOS antibody [K13-A] (ab136918) at 1/2000 dilution

Lane 1 : Raw264.7 Whole Cell Lysate

Lane 2 : Raw264.7 Whole Cell Lysate (LPS stimulated)

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti Rabbit IR680 at 1/10000 dilution

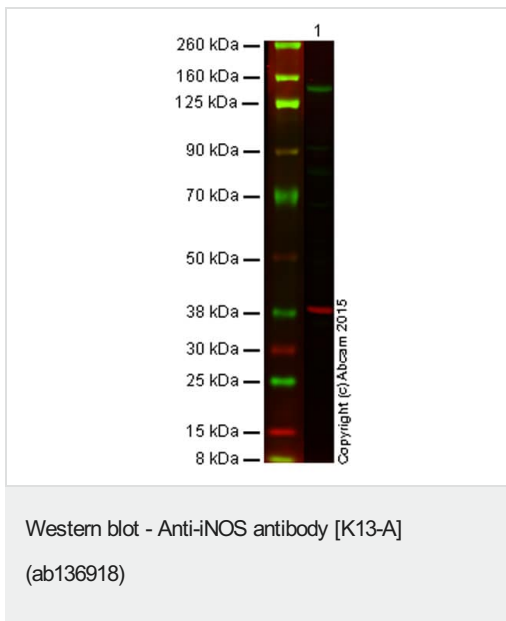
Performed under reducing conditions.

Predicted band size: 131 kDa

Observed band size: 140 kDa

Additional bands at: 15 kDa, 36 kDa, 42 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

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 Licor blocking buffer before being incubated with ab136918 overnight at 4°C. Antibody binding was detected using Goat anti Mouse IR680 at a 1:10,000 dilution for 1hr at room temperature and then imaged using the Licor Odyssey CLx



Anti-iNOS antibody [K13-A] (ab136918) at 1/2000 dilution + iNOS Overexpression Lysate (Human) at 0.1 µg

Secondary

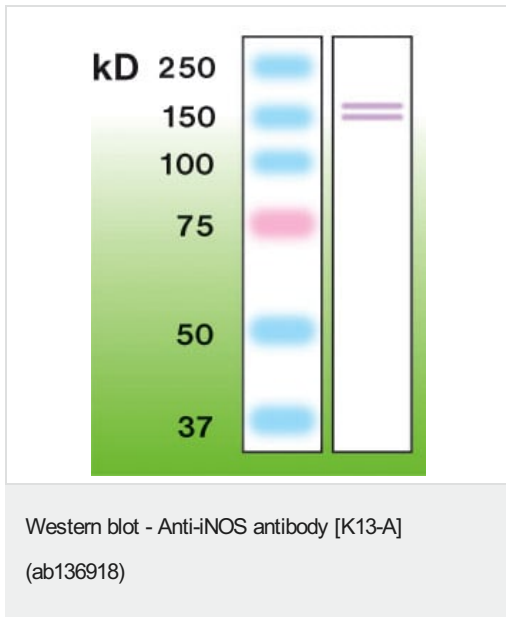
Goat anti Rabbit IR680 at 1/10000 dilution

Performed under reducing conditions.

Predicted band size: 131 kDa

Observed band size: 140 kDa

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 Licor blocking buffer before being incubated with ab136918 overnight at 4°C. Antibody binding was detected using Goat anti Rabbit IR680 at a 1:10,000 dilution for 1hr at room temperature and then imaged using the Licor Odyssey CLx



Anti-iNOS antibody [K13-A] (ab136918) at 1/2000 dilution + Mouse brain lysate at 50 µg

Predicted band size: 131 kDa

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