


Anti-iNOS antibody [K13-A] ab136918

★★★★★ [11 Abreviews](#) [18 References](#) [画像数 3](#)

製品の概要

製品名	Anti-iNOS antibody [K13-A]
製品の詳細	Rabbit monoclonal [K13-A] to iNOS
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Mouse 交差が予測される動物種: Rat 
免疫原	Synthetic peptide corresponding to a region of Human iNOS.
エピトープ	Antibody recognizes the epitope located between Ser1118 - Gly1129
ポジティブ・コントロール	Mouse brain tissue lysate - total protein (ab30151) can be used as a positive control in WB. Raw264.7 whole cell lysate (LPS treated)
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	<p>pH: 8.00</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.32% Tris HCl, 1% BSA</p>
精製度	Immunogen affinity purified
特記事項 (精製)	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.
ポリ/モノ	モノクローナル

クローン名 K13-A
アイソタイプ IgG

アプリケーション

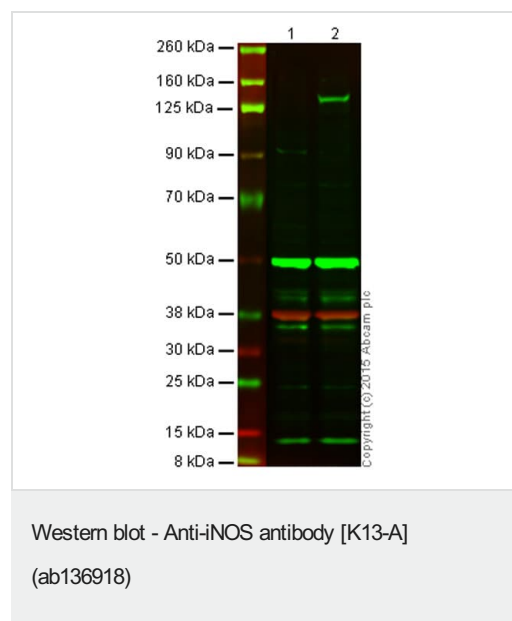
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab136918の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/2000. Predicted molecular weight: 131 kDa. Incubate the membrane with antibody diluted in blocking buffer for 2 hours at room temperature.

ターゲット情報

機能	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.
組織特異性	Expressed in the liver, retina, bone cells and airway epithelial cells of the lung. Not expressed in the platelets.
配列類似性	Belongs to the NOS family. Contains 1 FAD-binding FR-type domain. Contains 1 flavodoxin-like domain.

画像



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

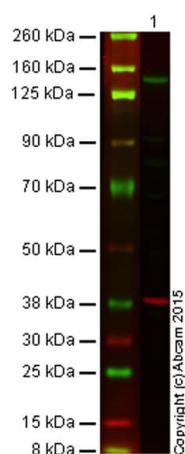
Performed under reducing conditions.

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



Western blot - Anti-iNOS antibody [K13-A]
(ab136918)

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

Secondary

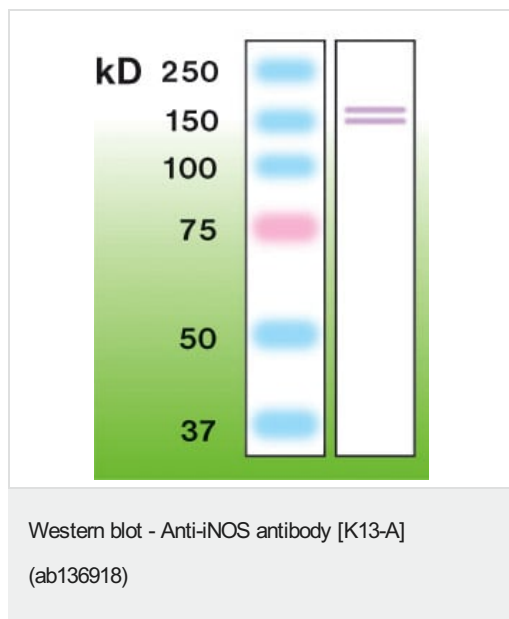
Goat anti Rabbit IR680 at 1/10000 dilution

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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