


Product datasheet

Anti-iNOS (phospho Y151) antibody ab182640

[1 References](#) [1 Image](#)

Overview

Product name	Anti-iNOS (phospho Y151) antibody
Description	Rabbit polyclonal to iNOS (phospho Y151)
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat Predicted to work with: Mouse 
Immunogen	Synthetic peptide corresponding to Human iNOS (phospho Y151) conjugated to Keyhole Limpet Haemocyanin (KLH). (Q-Y-Y(p)-G-S) (NP_000616.3). Database link: P35228
Positive control	Rat kidney lysate.
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS, 0.88% Sodium chloride Note: PBS without Mg ²⁺ and Ca ²⁺ .
Purity	Immunogen affinity purified
Purification notes	ab182640 was purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Clonality	Polyclonal
Isotype	IgG

Applications

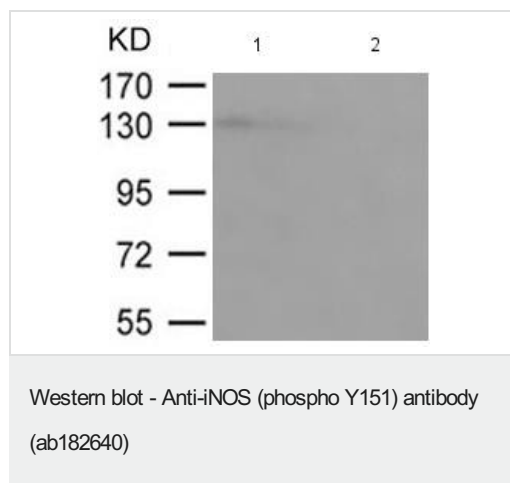
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab182640 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 131 kDa.

Target

Function	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.
Tissue specificity	Expressed in the liver, retina, bone cells and airway epithelial cells of the lung. Not expressed in the platelets.
Sequence similarities	Belongs to the NOS family. Contains 1 FAD-binding FR-type domain. Contains 1 flavodoxin-like domain.

Images



All lanes : Anti-iNOS (phospho Y151) antibody (ab182640) at 1/500 dilution

Lane 1 : Rat kidney lysate

Lane 2 : Rat kidney lysate with immunizing peptide

Predicted band size: 131 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors