

Anti-Nitrotyrosine antibody [HM.11] ab7048

★★★★★ [13 Abreviews](#) [70 References](#) [1 图像](#)

概述

产品名称	Anti-Nitrotyrosine抗体[HM.11]
描述	小鼠单克隆抗体[HM.11] to Nitrotyrosine
宿主	Mouse
特异性	This antibody reacts with nitrotyrosine, both with the free amino acid as well as with proteins containing nitrotyrosine. The antibody does not recognize other antigens with a nitrotyrosine-like structure such as tyrosine, 3-chlorotyrosine, phosphotyrosine and phenylalanine.
经测试应用	适用于: IHC-Fr, IHC-P
种属反应性	与反应: Species independent
免疫原	Synthetic peptide corresponding to Nitro tyrosine (nitrated) conjugated to Keyhole Limpet Haemocyanin (KLH).
阳性对照	WB: mouse kidney lysate, mouse optic nerve, retina , spinal cord and brain lysates, rat aorta lysate(see Abreviews) IHC-P: human lung tissue (see Abreview)
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 freeze / thaw cycles.
存储溶液	Constituents: PBS, 0.1% BSA
纯度	Protein G purified
克隆	单克隆
克隆编号	HM.11

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab7048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。

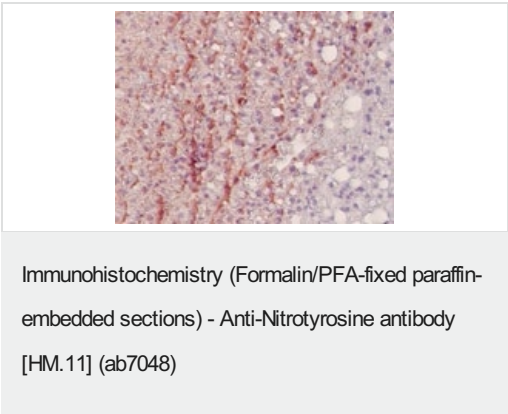
应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration. Acetone fixation 10 min -20 degree C; block endogenous peroxidase by 0.3 % H2O2 in PBS (or methanol for intracellular staining); block with 10% NGS or 5 % BSA for 30 min.
IHC-P	★★★★★ (3)	1/200 - 1/400. 10% formalin fixation; 3% H2O2 to block endogenous peroxidases; Citrate buffer pH 6.0 for 1 min at 100°C as antigen retrieval treatment

靶标

相关性

The cellular production of highly reactive nitrogen species derived from nitric oxide, such as peroxynitrite, nitrogen dioxide and nitryl chloride, leads to the nitration of tyrosine residues in tissue proteins. The extent of protein nitrotyrosine formation provides an index of the production of reactive nitrogen species and potential cell damage over a period of time. Nitrotyrosine can be measured by amino-acid analysis of protein hydrolysates and detected, estimated semi-quantitatively and located in cells and tissues by immunocytochemical techniques using antibodies directed against the nitrotyrosine hapten.

图片



ab7048 at 2 µg/ml staining Nitrotyrosine in Human liver from a severely obese patient. ab7048 was incubated for 1 hour at room temperature.

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

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