

### Anti-NNT antibody [8B4BB10] ab110352

★★★★★ [2 Abreviews](#) [6 References](#) [5 图像](#)

#### 概述

产品名称	Anti-NNT抗体[8B4BB10]
描述	小鼠单克隆抗体[8B4BB10] to NNT
宿主	Mouse
特异性	Several customers have found that this antibody may not work well for mouse and rat samples.
经测试应用	<b>适用于:</b> IP, ICC/IF, IHC-P, WB, Flow Cyt
种属反应性	<b>与反应:</b> Mouse, Rat, Cow, Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Normal Human skin fibroblasts (strain HDFn); Human cerebellum tissue; mitochondria from Human liver, Bovine heart, Rat liver and Mouse liver; HepG2 and HL-60 cells.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <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&amp;As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
纯度	Proprietary Purification
纯化说明	Produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. Purity >95% by SDS-PAGE.

克隆	单克隆
克隆编号	8B4BB10
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab110352于以下的经测试应用

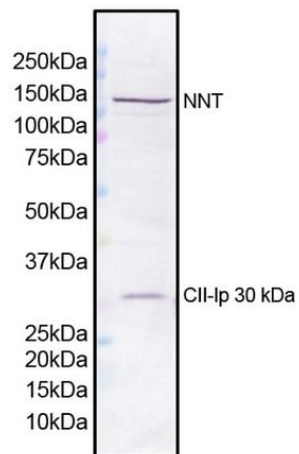
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 5 µg/ml.
IHC-P		1/100. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use a concentration of 0.5 µg/ml. Predicted molecular weight: 114 kDa.
Flow Cyt		Use a concentration of 1 µg/ml. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能	The transhydrogenation between NADH and NADP is coupled to respiration and ATP hydrolysis and functions as a proton pump across the membrane.
序列相似性	In the N-terminal section; belongs to the AlaDH/PNT family. In the C-terminal section; belongs to the PNT beta subunit family.
细胞定位	Mitochondrion inner membrane.

图片

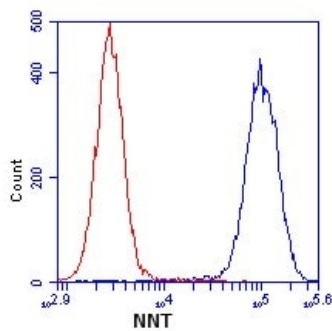


Western blot - Anti-NNT antibody [8B4BB10]  
(ab110352)

Anti-NNT antibody [8B4BB10] (ab110352) at 0.5 µg/ml + HepG2 whole cell lysate

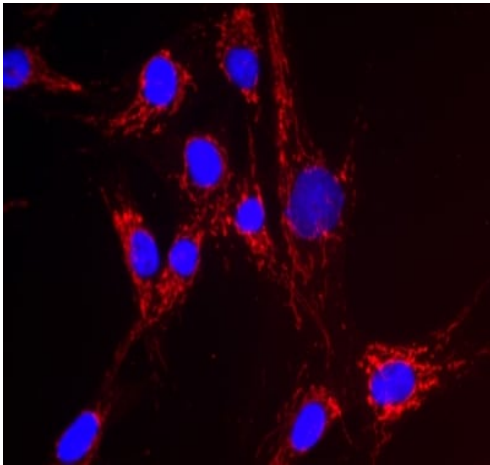
**Predicted band size:** 114 kDa

anti-Complex II 30kDa subunit has also been labeled as a control.



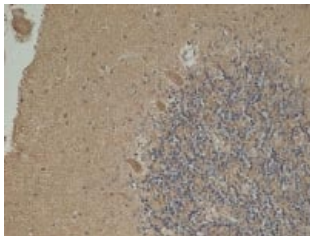
Flow Cytometry - Anti-NNT antibody [8B4BB10]  
(ab110352)

HL-60 cells were stained with 1 µg/mL NNT antibody (ab110352) (blue) or an equal amount of an isotype control antibody (red) and analyzed by flow cytometry.



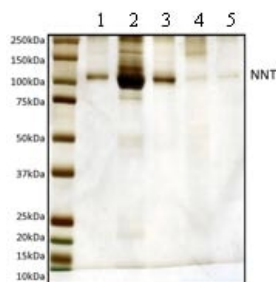
Immunocytochemistry/ Immunofluorescence - Anti-NNT antibody [8B4BB10] (ab110352)

Mitochondrial localization of NNT in cultured, normal Human skin fibroblasts (strain HDFn) labeled with anti NNT (ab110352) as the primary antibody and an AlexaFluor® 594 goat anti-mouse IgG1 secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NNT antibody [8B4BB10] (ab110352)

NNT immunohistochemistry in Human cerebellum visualized with ab110352 at 1/100. NNT immunoactivity is most intense in neuronal cell bodies, most notably in the large Purkinje cells.



Immunoprecipitation - Anti-NNT antibody [8B4BB10] (ab110352)

Nicotinamide nucleotide transhydrogenase (NNT) immunocaptured from Human liver mitochondria (lane 1), bovine heart mitochondria (lane 2), rat liver mitochondria (lane 3), mouse liver mitochondria (lane 4), and HepG2 cells (lane 5), using ab110352.

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

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