


HRP Anti-NDUFS3 antibody [3F9DD2] ab197971

2 图像

概述

产品名称	HRP Anti-NDUFS3抗体[3F9DD2]
描述	HRP小鼠单克隆抗体[3F9DD2] to NDUFS3
宿主	Mouse
偶联物	HRP
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Zebrafish 
免疫原	Tissue, cells or virus corresponding to Human NDUFS3. Whole mitochondria from human heart.
阳性对照	WB: Human heart mitochondria lysate. IHC-P: normal human cerebellum tissue sections.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
存储溶液	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
纯度	Affinity purified
克隆	单克隆
克隆编号	3F9DD2
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab197971于以下的经测试应用

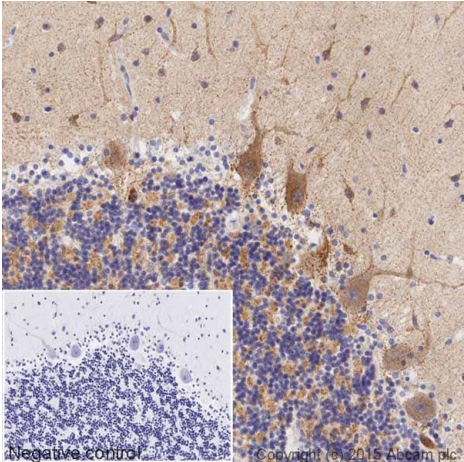
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/5000. Detects a band of approximately 30 kDa (predicted molecular weight: 30 kDa).
IHC-P		1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
序列相似性	Belongs to the complex I 30 kDa subunit family.
细胞定位	Mitochondrion inner membrane.

图片



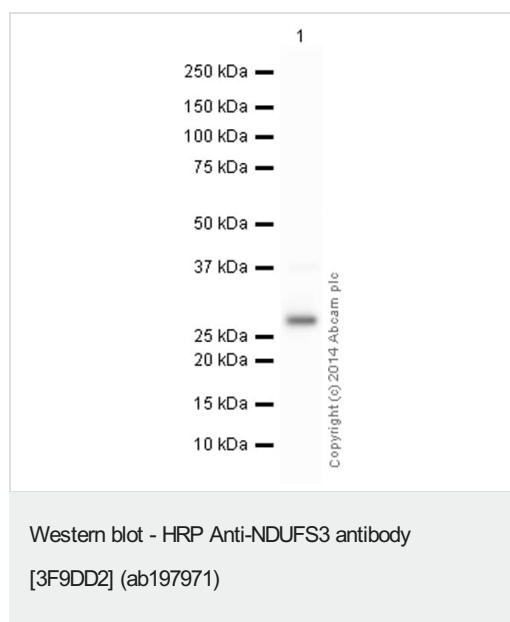
Negative control

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - HRP Anti-NDUFS3 antibody [3F9DD2] (ab197971)

IHC image of NDUFS3 staining in a section of formalin-fixed paraffin-embedded normal human cerebellum tissue, performed on a Leica BOND. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab197971 at 1/50 dilution, for 15 mins at room temperature. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset negative control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



HRP Anti-NDUFS3 antibody [3F9DD2] (ab197971) at 1/5000
dilution + Human heart tissue lysate - mitochondrial extract
([ab110337](#)) at 5 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 30 kDa

Observed band size: 30 kDa

Exposure time: 6 seconds

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab197971 overnight at 4°C. Antibody binding was visualised using ECL development solution [ab133406](#).

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