

Anti-NDUFS8 antibody [EPR11892] ab170936

重组 RabMAb

★★★★★ **1 Abreviews** **3 References** **6 图像**

概述

产品名称	Anti-NDUFS8抗体[EPR11892]
描述	兔单克隆抗体[EPR11892] to NDUFS8
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human NDUFS8 aa 1-100. The exact sequence is proprietary. Database link: <u>O00217</u>
阳性对照	HeLa, HepG2 and Jurkat cell lysates, Human liver tissue, Human thyroid carcinoma tissue, permeabilized Jurkat cells, immunoprecipitation pellet from HeLa cell lysate
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information <u>see here</u>.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <u>RabMAb[®] patents</u>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆	单克隆
克隆编号	EPR11892
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab170936于以下的经测试应用

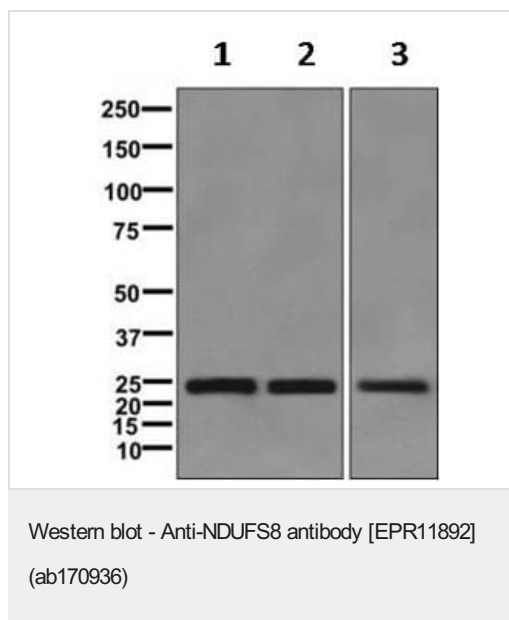
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 23 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/10 - 1/100.

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 (By similarity). May donate electrons to ubiquinone.
疾病相关	Defects in NDUFS8 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions.
序列相似性	Belongs to the complex I 23 kDa subunit family. Contains 2 4Fe-4S ferredoxin-type domains.
细胞定位	Mitochondrion.

图片



All lanes : Anti-NDUFS8 antibody [EPR11892] (ab170936) at 1/1000 dilution

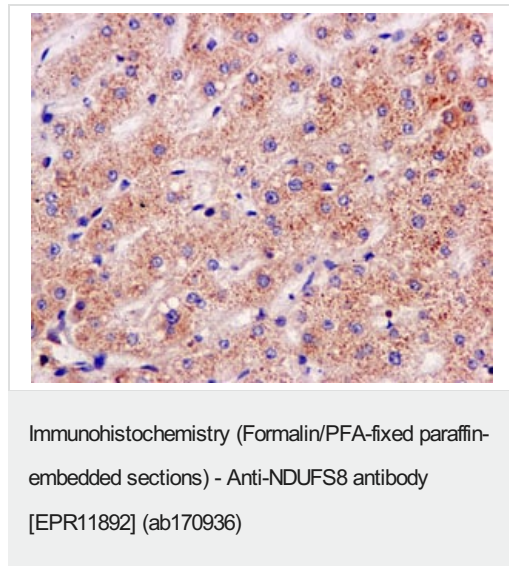
Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : Jurkat cell lysate

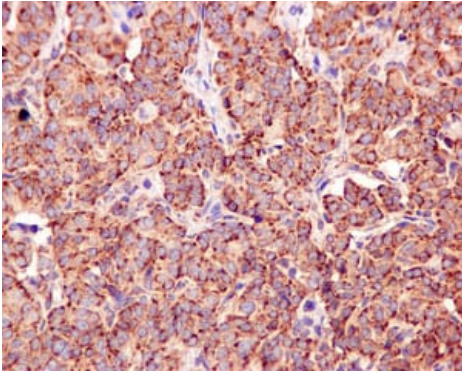
Lysates/proteins at 10 µg per lane.

Predicted band size: 23 kDa



Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling NDUFS8 with ab170936 at 1/250 dilution.

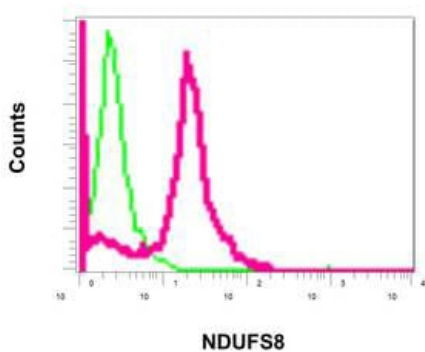
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDUFS8 antibody [EPR11892] (ab170936)

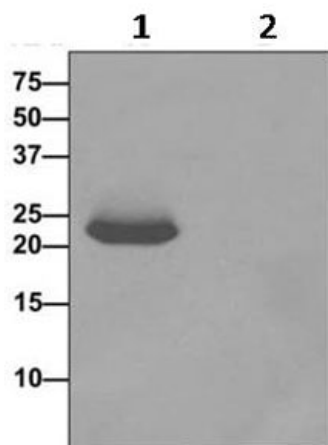
Immunohistochemical analysis of paraffin-embedded Human thyroid carcinoma tissue labeling NDUFS8 with ab170936 at 1/250 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-NDUFS8 antibody [EPR11892] (ab170936)

Intracellular flow cytometric analysis of permeabilized Jurkat cells using ab170936 (red) at 1/10 dilution or a rabbit IgG (negative) (green).



Western blot analysis on immunoprecipitation pellet from (1) HeLa cell lysate or (2) 1X PBS (negative control) using ab170936 at 1/10 dilution and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG.

Immunoprecipitation - Anti-NDUFS8 antibody
[EPR11892] (ab170936)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-NDUFS8 antibody [EPR11892] (ab170936)

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