


### HRP Anti-NDUFS3 antibody [3F9DD2] ab197971

画像数 2

#### 製品の概要

製品名	HRP Anti-NDUFS3 antibody [3F9DD2]
製品の詳細	HRP Mouse monoclonal [3F9DD2] to NDUFS3
由来種	Mouse
標識	HRP
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Zebrafish 
免疫原	Tissue, cells or virus corresponding to Human NDUFS3. Whole mitochondria from human heart.
ポジティブ・コントロール	WB: Human heart mitochondria lysate. IHC-P: normal human cerebellum tissue sections.
特記事項	<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>

#### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
精製度	Affinity purified
ポリ/モノ	モノクローナル
クローン名	3F9DD2
アイソタイプ	IgG1
軽鎖の種類	kappa

## アプリケーション

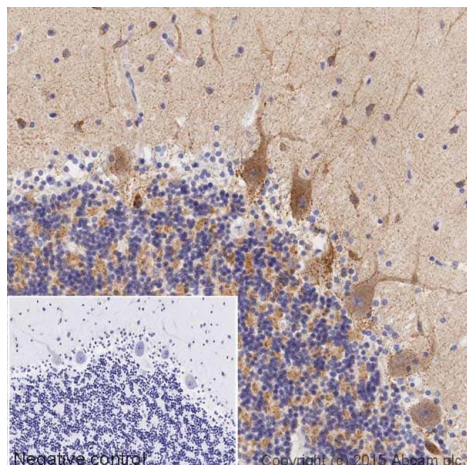
**The Abpromise guarantee** **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab197971の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

## ターゲット情報

機能	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.
配列類似性	Belongs to the complex I 30 kDa subunit family.
細胞内局在	Mitochondrion inner membrane.

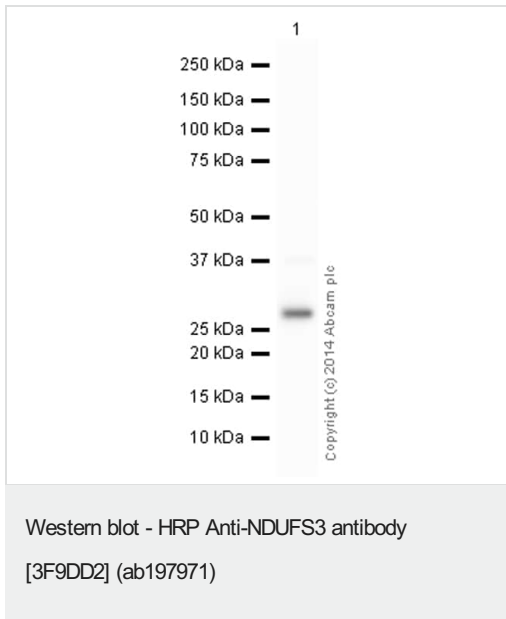
## 画像



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**.

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

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