

Anti-ATPB antibody [7E3F2] ab110280

★★★★★ [1 Abreviews](#) [8 References](#) [画像数 1](#)

製品の概要

| | |
|--------------|--|
| 製品名 | Anti-ATPB antibody [7E3F2] |
| 製品の詳細 | Mouse monoclonal [7E3F2] to ATPB |
| 由来種 | Mouse |
| アプリケーション | 適用あり: WB |
| 種交差性 | 交差種: Mouse, Rat, Cow, Human |
| 免疫原 | Full length native protein (purified). This information is considered to be commercially sensitive. |
| ポジティブ・コントロール | Isolated mitochondria from Human heart, bovine heart, rat heart, mouse heart, and HepG2 cells. |
| 特記事項 | <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</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&As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p> |

製品の特性

| | |
|-----------|--|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| バッファー | <p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p> |
| 精製度 | Proprietary Purification |
| 特記事項 (精製) | The purity of ab110280 is near homogeneity, as judged by SDS-PAGE (purity >95%). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. |
| ポリ/モノ | モノクローナル |

| | |
|--------|-------|
| クローン名 | 7E3F2 |
| アイソタイプ | IgG2a |
| 軽鎖の種類 | kappa |

アプリケーション

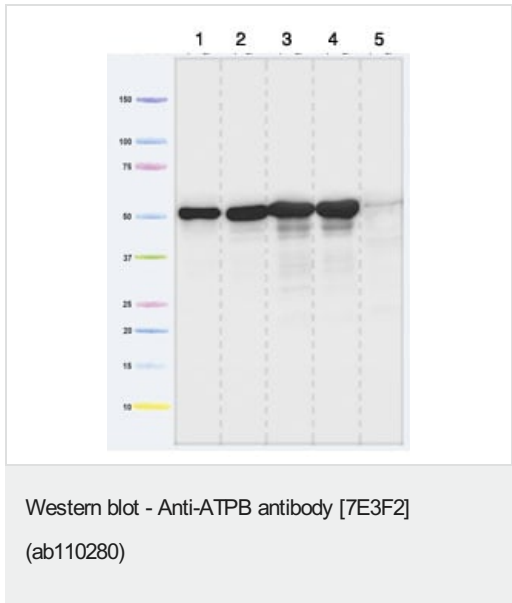
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab110280の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| WB | ★★★★★ (1) | Use a concentration of 4 µg/ml. Predicted molecular weight: 57 kDa. |

ターゲット情報

| | |
|-------|---|
| 機能 | Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Subunits alpha and beta form the catalytic core in F(1). Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits. |
| 配列類似性 | Belongs to the ATPase alpha/beta chains family. |
| 細胞内局在 | Mitochondrion. Mitochondrion inner membrane. Peripheral membrane protein. |

画像



All lanes : Anti-ATPB antibody [7E3F2] (ab110280) at 4 µg/ml

- Lane 1 :** Isolated mitochondria from Human heart at 15 µg
- Lane 2 :** Isolated mitochondria from cow heart at 6 µg
- Lane 3 :** Isolated mitochondria from rat heart at 30 µg
- Lane 4 :** Isolated mitochondria from mouse heart at 30 µg
- Lane 5 :** Isolated mitochondria from HepG2 cells at 30 µg

Predicted band size: 57 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors