

Product datasheet

Anti-ALAD antibody ab88875

画像数 2

製品の概要

製品名	Anti-ALAD antibody
製品の詳細	Mouse polyclonal to ALAD
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Full length human ALAD, amino acids 1-339 (NP_000022.2)
ポジティブ・コントロール	Human liver tissue lysate, ALAD transfected 293T cell lysate.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab88875** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 37 kDa.

ターゲット情報

機能	Catalyzes an early step in the biosynthesis of tetrapyrroles. Binds two molecules of 5-
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aminolevulinate per subunit, each at a distinct site, and catalyzes their condensation to form porphobilinogen.

## パスウェイ

Porphyrin metabolism; protoporphyrin-IX biosynthesis; coproporphyrinogen-III from 5-aminolevulinate: step 1/4.

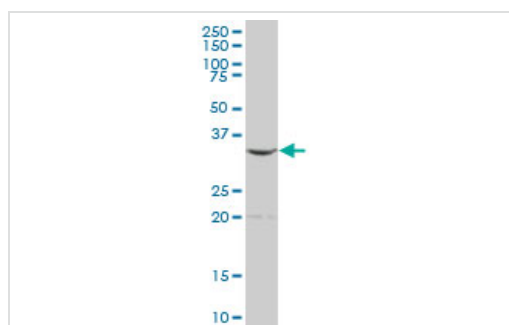
## 関連疾患

Defects in ALAD are the cause of acute hepatic porphyria (AHP) [MIM:612740]. AHP is a form of porphyria. Porphyrias are inherited defects in the biosynthesis of heme, resulting in the accumulation and increased excretion of porphyrins or porphyrin precursors. They are classified as erythropoietic or hepatic, depending on whether the enzyme deficiency occurs in red blood cells or in the liver. AHP is characterized by attacks of gastrointestinal disturbances, abdominal colic, paralysis, and peripheral neuropathy. Most attacks are precipitated by drugs, alcohol, caloric deprivation, infections, or endocrine factors.

## 配列類似性

Belongs to the ALADH family.

## 画像



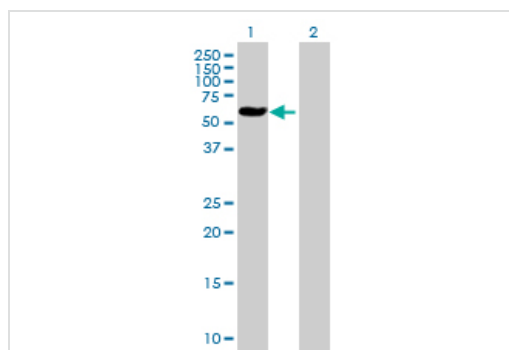
Western blot - ALAD antibody (ab88875)

Anti-ALAD antibody (ab88875) at 1  $\mu$ g/ml +  
human liver tissue lysate at 50  $\mu$ g

**Predicted band size** : 37 kDa

**Observed band size** : 37 kDa

**Additional bands at** : 20 kDa. We are  
unsure as to the identity of these extra bands.



Western blot - ALAD antibody (ab88875)

**All lanes** : Anti-ALAD antibody (ab88875) at  
1  $\mu$ g/ml

**Lane 1** : ALAD transfected 293T cell lysate

**Lane 2** : Non-transfected lysate

Lysates/proteins at 25  $\mu$ g per lane.

**Predicted band size** : 37 kDa

**Observed band size** : 60 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- 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
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