

Product datasheet

Anti-Coproporphyrinogen Oxidase (CPOX) antibody ab102938

画像数 1

製品の概要

製品名	Anti-Coproporphyrinogen Oxidase (CPOX) antibody
製品の詳細	Rabbit polyclonal to Coproporphyrinogen Oxidase (CPOX)
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 425-454 of Human Coproporphyrinogen Oxidase (CPOX).
ポジティブ・コントロール	Mouse liver tissue lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium Azide Constituents: PBS
精製度	Immunogen affinity purified
特記事項 (精製)	ab102938 is purified through a protein A column, followed by peptide affinity purification.
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

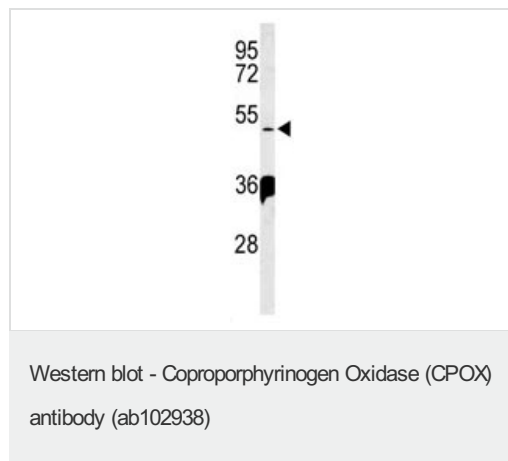
Our [Abpromise guarantee](#) covers the use of **ab102938** in the following tested applications.

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		1/100 - 1/500. Predicted molecular weight: 50 kDa.

機能	Key enzyme in heme biosynthesis. Catalyzes the oxidative decarboxylation of propionic acid side chains of rings A and B of coproporphyrinogen III.
パスウェイ	Porphyrin metabolism; protoporphyrin-IX biosynthesis; protoporphyrinogen-IX from coproporphyrinogen-III (O2 route): step 1/1.
関連疾患	Defects in CPOX are the cause of hereditary coproporphyria (HCP) [MIM:121300]. HCP is an acute hepatic porphyria and an autosomal dominant disease characterized by neuropsychiatric disturbances and skin photosensitivity. Biochemically, there is an overexcretion of coproporphyrin III in the urine and in the feces. HCP is clinically characterized by attacks of abdominal pain, neurological disturbances, and psychiatric symptoms. The symptoms are generally manifested with rapid onset, and can be precipitated by drugs, alcohol, caloric deprivation, infection, endocrine factors or stress. A severe variant form is harderoporphyria, which is characterized by earlier onset attacks, massive excretion of harderoporphyrin in the feces, and a marked decrease of coproporphyrinogen IX oxidase activity.
配列類似性	Belongs to the aerobic coproporphyrinogen-III oxidase family.
細胞内局在	Mitochondrion intermembrane space.

## 画像



Anti-Coproporphyrinogen Oxidase (CPOX) antibody (ab102938) at 1/100 dilution + Mouse liver tissue lysate at 35 µg

**Predicted band size:** 50 kDa

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

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