

Product datasheet

Anti-SUOX antibody ab88346

4 图像

概述

产品名称	Anti-SUOX抗体
描述	小鼠多克隆抗体to SUOX
宿主	Mouse
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Full length Human protein
阳性对照	WB: liver or HepG2 cell lysate. IHC: kidney tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 1X PBS, pH 7.2
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab88346** in the following tested applications.

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

应用	Ab评论	说明
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WB

IHC-P

应用说明	IHC-P: Use at a concentration of 3 µg/ml. Antigen retrieval is not essential but may optimise staining. Suggested method: place sample in 1X citrate buffer pH 6.0, microwave at 750W for
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20 minutes, let sample cool down.

WB: Use at a concentration of 1 µg/ml. Predicted molecular weight: 60 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

### 通路

Energy metabolism; sulfur metabolism.

### 疾病相关

Defects in SUOX are the cause of isolated sulfite oxidase deficiency (ISOD) [MIM:272300]; also known as sulfocysteinuria. ISOD is characterized by neurological abnormalities including multicystic leukoencephalopathy with brain atrophy. Patients often suffer from seizures. Often leads to death at an early age.

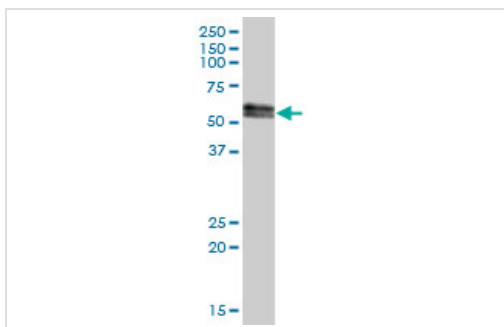
### 序列相似性

Contains 1 cytochrome b5 heme-binding domain.

### 细胞定位

Mitochondrion intermembrane space.

## 图片



Western blot - SUOX antibody (ab88346)

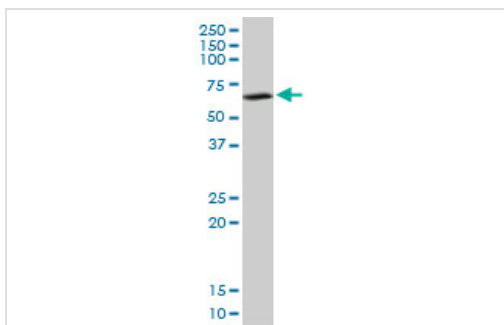
Anti-SUOX antibody (ab88346) at 1 µg/ml +

Human liver lysate at 25 µg

### Secondary

Goat anti-Mouse IgG at 1/5000 dilution

**Predicted band size:** 60 kDa



Western blot - SUOX antibody (ab88346)

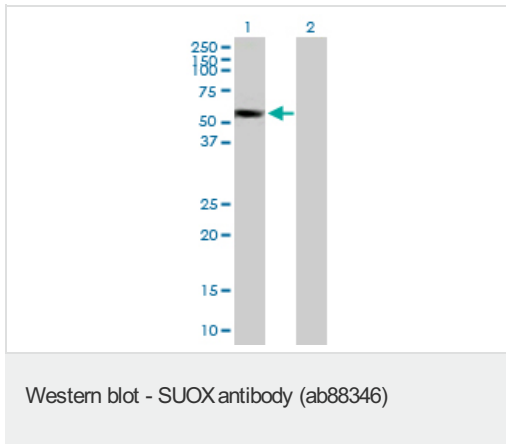
Anti-SUOX antibody (ab88346) at 1 µg/ml +

HepG2 cell lysate at 25 µg

### Secondary

Goat anti-Mouse IgG at 1/5000 dilution

**Predicted band size:** 60 kDa



**All lanes :** Anti-SUOX antibody (ab88346) at 1 µg/ml

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

**Lane 2 :** Untransfected 293T cell lysate

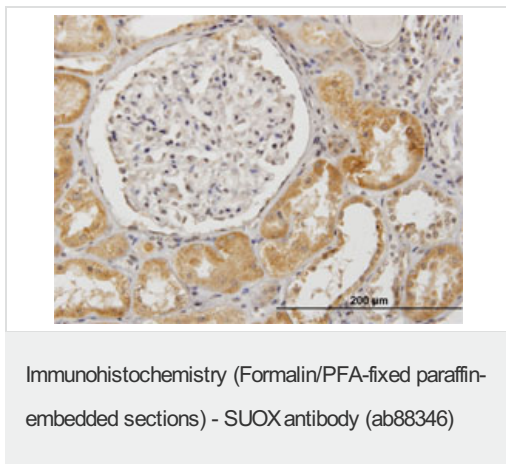
Lysates/proteins at 25 µg per lane.

#### Secondary

**All lanes :** Goat anti-Mouse IgG at 1/5000 dilution

**Predicted band size:** 60 kDa

**Observed band size:** 54 kDa



Immunoperoxidase staining of SUOX in formalin-fixed, paraffin-embedded Human kidney using purified ab88346 at 3 µg/ml. Antigen retrieval was performed by placing sample in 1X citrate buffer pH 6.0 and microwaving at 750W for 20 minutes.

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

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