



[Go to Product page](#)

Datasheet for ABIN7170944

anti-SUOX antibody (AA 80-545)

3 Images

Overview

Quantity:	100 µg
Target:	SUOX
Binding Specificity:	AA 80-545
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUOX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Sulfite oxidase, mitochondrial protein (80-545AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	SUOX
Alternative Name:	SUOX (SUOX Products)
Background:	Background: Sulfite oxidase is a homodimeric protein localized to the intermembrane space of mitochondria. Each subunit contains a heme domain and a molybdopterin-binding domain. The

Target Details

enzyme catalyzes the oxidation of sulfite to sulfate, the final reaction in the oxidative degradation of the sulfur amino acids cysteine and methionine. Sulfite oxidase deficiency results in neurological abnormalities which are often fatal at an early age. Alternative splicing results in multiple transcript variants encoding identical proteins.

Aliases: EC 1.8.3.1 antibody, mitochondrial antibody, Sulfite oxidase antibody, Sulfite oxidase mitochondrial antibody, Sulfite oxidase, mitochondrial precursor antibody, Suox antibody, SUOX_HUMAN antibody

UniProt: [P51687](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

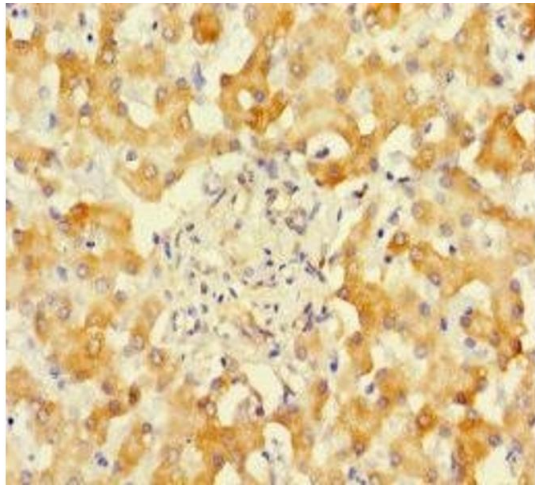
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

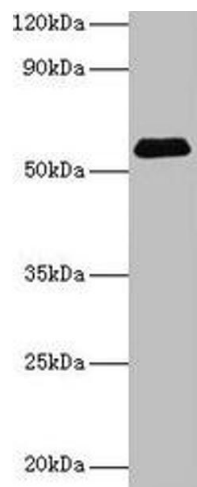
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



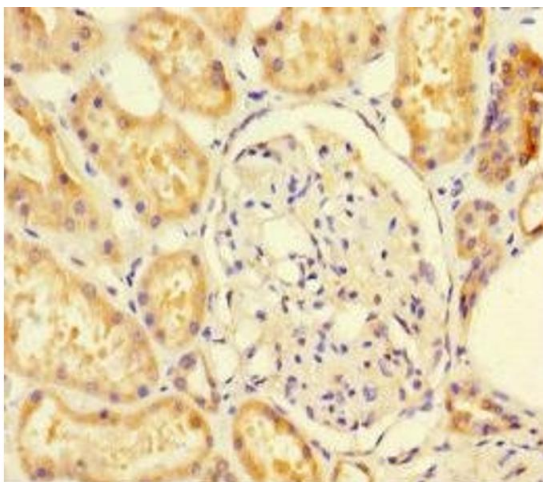
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7170944 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: SUOX antibody at 2 µg/mL + Rat liver tissue Secondary Goat polyclonal to rabbit IgG at 1/15000 dilution Predicted band size: 61 kDa Observed band size: 61 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7170944 at dilution of 1:100