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Datasheet for ABIN7170947  
**anti-SUOX antibody (AA 80-545) (HRP)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg                                  |
| Target:              | SUOX                                    |
| Binding Specificity: | AA 80-545                               |
| Reactivity:          | Human                                   |
| Host:                | Rabbit                                  |
| Clonality:           | Polyclonal                              |
| Conjugate:           | This SUOX antibody is conjugated to HRP |
| Application:         | ELISA                                   |

### Product Details

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

### Target Details

|                   |  |
|-------------------|--|
| Target:           | SUOX   |
| Alternative Name: | SUOX ( <a href="#">SUOX Products</a> )   |
| 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

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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

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UniProt: [P51687](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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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.