

SUOX Polyclonal Antibody

Catalog No.	A14258	Category	Polyclonal Antibodies
Applications	WB	Observed MW	60kDa
Cross-reactivity	Mouse	Calculated MW	60kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 376-545 of human SUOX (NP_000447.2).
Gene ID	6821
Swiss prot	P51687
Synonyms	SUOX; sulfite oxidase

Product information

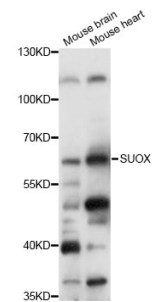
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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 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.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - SUOX Polyclonal Antibody (A14258)