

CAB0733

Product Information

Product SKU:	CAB0733	Gene ID:	6821	Size:	20uL, 100uL
Clone No:	ARC2535	Host Species:	Rabbit	Reactivity:	Rat

Additional Information

Observed MW:	60kDa	Conjugate:	Unmodified
Calculated MW:	60kDa	Isotype:	IgG

Immunogen Information

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 Dilution: WB, 1:500 - 1:1000

Synonyms: SUOX; sulfite oxidase

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 100-200 of human SUOX (P51687).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.