

SUOX Antibody

Rabbit mAb

Catalog # AP92696

Product Information

Application	WB, IHC
Primary Accession	P51687
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	Sulfite oxidase; Suox;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	60283

Additional Information

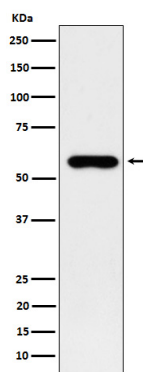
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SUOX
Description	Catalytic activity:Sulfite + O ₂ + H ₂ O = sulfate + H ₂ O ₂ .
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	SUOX
Function	Catalyzes the oxidation of sulfite to sulfate, the terminal reaction in the oxidative degradation of sulfur-containing amino acids (By similarity). Can run in reverse direction and reduce nitrite to nitric oxide under physiologically relevant conditions, such as hypoxia (PubMed: 41337830).
Cellular Location	Mitochondrion intermembrane space {ECO:0000250 UniProtKB:Q07116}

Images

Western blot analysis of SUOX expression in 293T cell lysate.



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