

Superoxide Dismutase 1 Rabbit mAb

Catalog # AP76135

Product Information

Primary Accession	P00441
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	15936

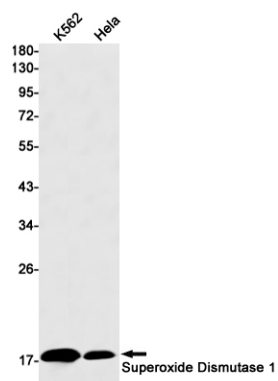
Additional Information

Gene ID	6647
Other Names	SOD1
Format	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	SOD1 (HGNC:11179)
Function	Destroys radicals which are normally produced within the cells and which are toxic to biological systems (PubMed: 18948262 , PubMed: 24140062). Catalyzes the oxidation of hydrogen sulfide (H ₂ S) to sulfate, playing an important role in detoxifying H ₂ S and limiting the accumulation of reactive sulfur species (RSS) such as persulfides and polysulfides (PubMed: 36630448).
Cellular Location	Cytoplasm. Nucleus. Note=Predominantly cytoplasmic; the pathogenic variants ALS1 Arg-86 and Ala-94 gradually aggregates and accumulates in mitochondria.

Images



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