10320 Camino Santa Fe, Suite G
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SQRDL Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP16854c

Specification

SQRDL Antibody (Center) Blocking Peptide - Product Information

Primary Accession	Q9Y6N5

SQRDL Antibody (Center) Blocking Peptide - Additional Information

Gene ID 58472

Other Names
Sulfide:quinone oxidoreductase, mitochondrial, SQOR, 185-, SQRDL

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SQRDL Antibody (Center) Blocking Peptide - Protein Information

Name SQOR (HGNC:20390)

Function
Catalyzes the oxidation of hydrogen sulfide with the help of a quinone, such as ubiquinone-10, giving rise to thiosulfate and ultimately to sulfane (molecular sulfur) atoms. Requires an additional electron acceptor; can use sulfite, sulfide or cyanide (in vitro) (PubMed:22852582). It is believed the in vivo electron acceptor is glutathione (PubMed:25225291, PubMed:29715001).

Cellular Location
Mitochondrion.

SQRDL Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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SQRDL Antibody (Center) Blocking Peptide - Images

SQRDL Antibody (Center) Blocking Peptide - Background

SQRDL catalyzes the oxidation of hydrogen sulfide, with the help of a quinone (By similarity).

SQRDL Antibody (Center) Blocking Peptide - References

Vande Weghe, J.G., et al. J. Biol. Chem. 274(19):13250-13257(1999)