

SQRDL Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16854c**Specification**

SQRDL Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9Y6N5
Other Accession	NP_067022.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49961
Antigen Region	197-224

SQRDL Antibody (Center) - Additional Information**Gene ID** 58472**Other Names**

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

Target/Specificity

This SQRDL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-224 amino acids from the Central region of human SQRDL.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SQRDL Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SQRDL Antibody (Center) - 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

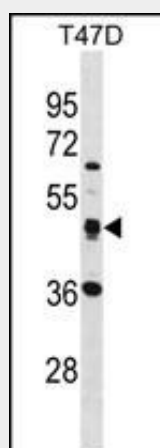
Mitochondrion.

SQRDL Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SQRDL Antibody (Center) - Images



SQRDL Antibody (Center) (Cat. #AP16854c) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the SQRDL antibody detected the SQRDL protein (arrow).

SQRDL Antibody (Center) - Background

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

SQRDL Antibody (Center) - References

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