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# SQRDL Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16854c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q9Y6N5 |
| **Other Accession** | NP_067022.1 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB36626 |
| **Calculated MW** | 49961 |
| **Antigen Region** | 197-224 |

## Additional Information

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|---|---|
| **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. |

## Protein Information

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|---|---|
| **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.

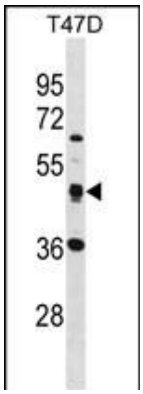
## Background

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

## References

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

## 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).