

ARG67076 anti-SQRDL antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes SQRDL. |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | SQRDL |
| Species | Human |
| Immunogen | Synthesized peptide of human SQRDL (aa: 164-214). |
| Conjugation | Un-conjugated |
| Alternate Names | SQOR, Sulfide Quinone Oxidoreductase, CGI-44, SQRDL, SQR, Sulfide:Quinone Oxidoreductase, Mitochondrial, Sulfide Quinone Reductase-Like (Yeast), Sulfide Quinone Reductase-Like, Sulfide Dehydrogenase Like, Sulfide Dehydrogenase-Like, EC 1.8.5.8, PRO1975 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|--------------|
| | WB | 1:500-1:2000 |
| Observed Size | 50 kDa | |

Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Affinity purified |
| Buffer | PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Preservative | 0.02% sodium azide. |
| Stabilizer | 50% glycerol and 0.5% BSA. |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | SQOR |
| Gene Full Name | Sulfide Quinone Oxidoreductase |
| Background | The protein encoded by this gene may function in mitochondria to catalyze the conversion of sulfide to persulfides, thereby decreasing toxic concentrations of sulfide. Alternative splicing results in multiple transcript variants that encode the same protein. |
| 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). |
| Calculated Mw | 50 kDa |
| PTM | Acetylation, Disulfide bond, Phosphoprotein, Quinone |
| Cellular Localization | Mitochondrion |

Images

ARG67076 anti-SQRDL antibody WB image

Western blot: AD293 cell stained with ARG67076 anti-SQRDL antibody at 1:1000 dilution.

