

ARG67076
anti-SQRDL antibodyPackage: 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

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.

