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SQRDL Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16854c

Product Information

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

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.

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.

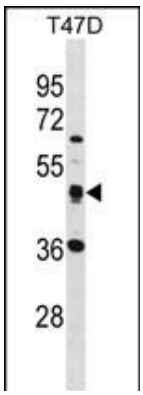
Background

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.