

Sqrdl antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14856

Product Information

Application	WB
Primary Accession	Q9R112
Other Accession	NM_021507 , NP_067482
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50282

Additional Information

Gene ID	59010
Alias Symbol	0610039J17Rik, 4930557M22Rik
Other Names	Sulfide:quinone oxidoreductase, mitochondrial, SQOR, 1.8.5.-, Sqrdl
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Sqrdl antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Sqrdl antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

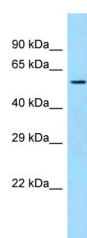
Protein Information

Name	Sqor {ECO:0000250 UniProtKB:Q9Y6N5}
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). It is believed the in vivo electron acceptor is glutathione.
Cellular Location	Mitochondrion {ECO:0000250 UniProtKB:Q9Y6N5}.

References

Huang L.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).
Rardin M.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013).

Images



WB Suggested Anti-Sqrdl Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

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