

Rabbit SQRDL Polyclonal Antibody | anti-SQRDL antibody

SQRDL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322913	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

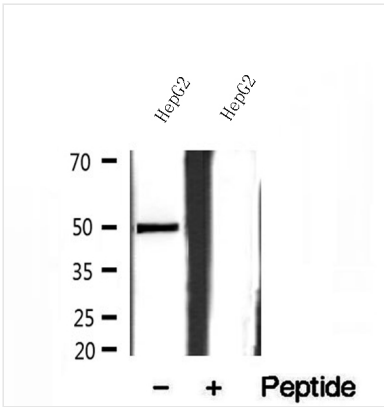
PRODUCT SYNONYMS

SQRDL; Polyclonal Antibody; SQRDL Antibody; 0610039J17Rik; 4930557M22Rik; CGI 44; CGI44; mitochondrial; PRO1975; SQRD_HUMAN; Sqrdl; Sulfide dehydrogenase like; Sulfide quinone reductase like; Sulfide quinone reductase-like (yeast); Sulfide:quinone oxidoreductase; anti-SQRDL antibody

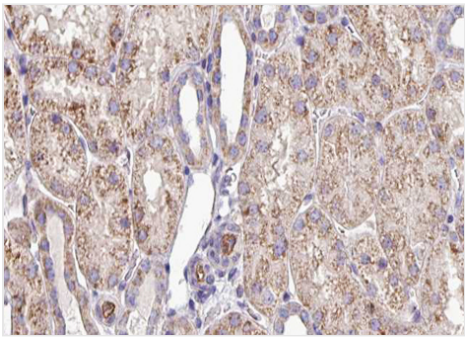
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SQRDL antibody detects endogenous levels of SQRDL.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-SQRDL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SQRDL.
Subcellular Location	Mitochondrion.
Predicted Cross Reactivity	Pig, Zebrafish, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Zebrafish (86%), Horse (100%), Sheep (88%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

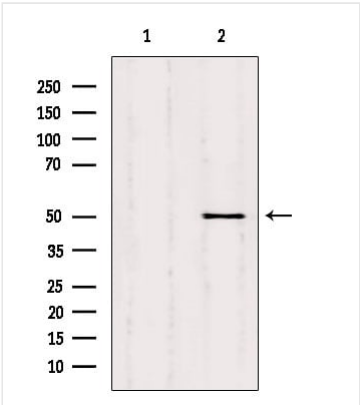
IMAGES



WB (Western Blot)
Western blot analysis of extracts of HepG2 cells, using SQRDL antibody.



IHC (Immunohistochemistry)
AAA322913 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from hela, using SQRDL antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SQRDL antibody	Function: Catalyzes the oxidation of hydrogen sulfide with the help of a quinone, such as ubiquinone, giving rise to thiosulfate and ultimately to sulfane (molecular sulfur) atoms. Requires an additional electron acceptor; can use sulfite, sulfide or cyanide (in vitro). Similarity: Belongs to the SQRD family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	403420580
NCBI GeneID	58472
NCBI Accession #	NP_001258142.1
NCBI GenBank Nucleotide #	NM_001271213.1
UniProt Accession #	Q9Y6N5; Q9UQM8
Molecular Weight	Observed: 50 kD Predicted: 50 kDa
NCBI Official Full Name	sulfide:quinone oxidoreductase, mitochondrial
NCBI Official Synonym Full Names	sulfide quinone oxidoreductase
NCBI Official Symbol	SQOR

NCBI Official Synonym Symbols	SQR; SQRDL; CGI-44; PRO1975
NCBI Protein Information	sulfide:quinone oxidoreductase, mitochondrial
UniProt Protein Name	Sulfide:quinone oxidoreductase, mitochondrial
UniProt Gene Name	SQOR
UniProt Synonym Gene Names	SQRDLImportedManual assertion inferred from database entriesHGNC:20390; SQOR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sqrdl-antibody-immunohistochemistry-western-blot-elisa/322913>