

Product Datasheet

SQRDL Antibody - BSA Free

NBP1-84510

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-84510

SQRDL Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

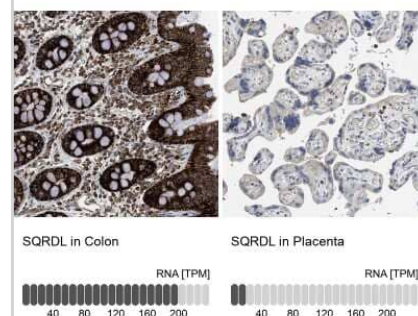
Host	Rabbit
Gene ID	58472
Gene Symbol	SQOR
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TSPVADAAGWVDVDKETLQHRRYPNVFGIGDCTNLPTSKTAAAVAAQSGILDR TISVIMKNQTPTKKYDGYTSCPLVTGYNRVILAEFDYKAEPLETFPFDQSKERLS MYLMKADLMPFLYWNMMLRGYWG

Product Application Details

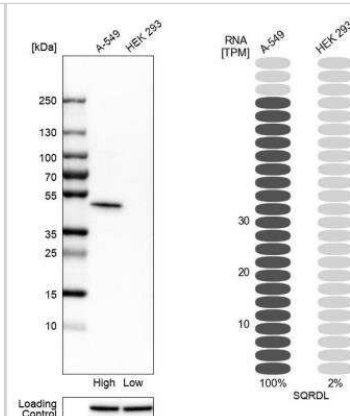
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

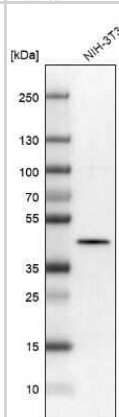
Immunohistochemistry-Paraffin: SQRDL Antibody [NBP1-84510] - Analysis in human colon and placenta tissues using NBP1-84510 antibody. Corresponding SQRDL RNA-seq data are presented for the same tissues.



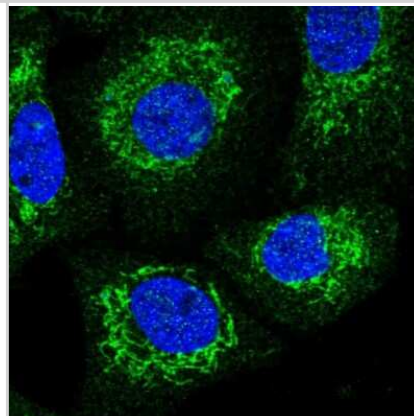
Western Blot: SQRDL Antibody [NBP1-84510] - Analysis in human cell lines A-549 and HEK293 using Anti-SQRDL antibody. Corresponding SQRDL RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



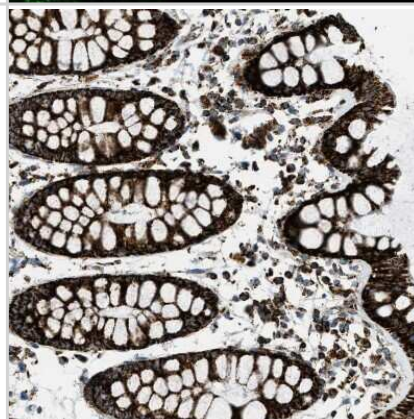
Western Blot: SQRDL Antibody [NBP1-84510] - Analysis in mouse cell line NIH-3T3.



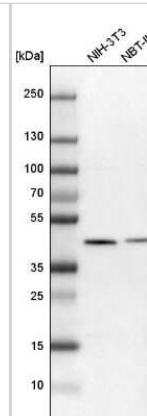
Immunocytochemistry/Immunofluorescence: SQRDL Antibody [NBP1-84510] - Staining of human cell line A549 shows localization to mitochondria. Antibody staining is shown in green.



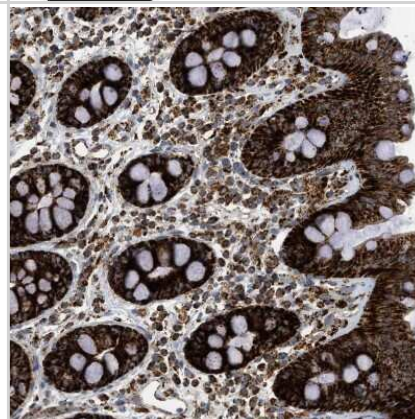
Immunohistochemistry-Paraffin: SQRDL Antibody [NBP1-84510] - Staining of human rectum shows strong granular cytoplasm positivity in glandular cells.



Western Blot: SQRDL Antibody [NBP1-84510] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



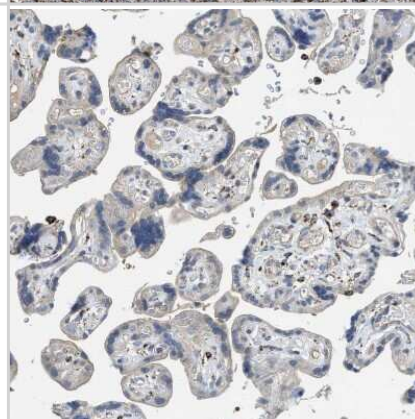
Immunohistochemistry-Paraffin: SQRDL Antibody [NBP1-84510] - Staining of human colon shows strong granular cytoplasm positivity in glandular cells.



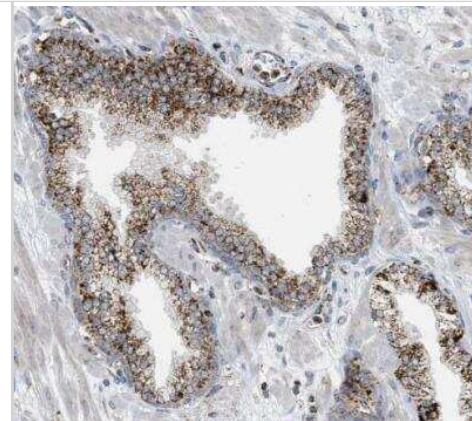
Immunohistochemistry-Paraffin: SQRDL Antibody [NBP1-84510] - Staining of human lymphoid tissues shows strong positivity in cytoplasm granular in non-germinal center cells.



Immunohistochemistry-Paraffin: SQRDL Antibody [NBP1-84510] - Staining of human placenta shows very weak granular cytoplasm positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: SQRDL Antibody [NBP1-84510] - Staining of human prostate shows strong granular cytoplasm positivity in glandular cells.



Publications

Mellis A, Misko A, Arjune S et al. The role of glutamate oxaloacetate transaminases in sulfite biosynthesis and H₂S metabolism Redox Biology 2020-01-01 [PMID: 33271457] (ICC/IF, Human, Mouse)

Bartman CM, Schiliro M, Helan M et al. Hydrogen sulfide, oxygen, and calcium regulation in developing human airway smooth muscle FASEB J. 2020-08-10 [PMID: 32777143] (WB)

Spinazzi M, Radaelli E, Horre K et al. Parl Deficiency In Mouse Causes Coenzyme Q Depletion, Complex III Defects, And Leigh-Like Syndrome. bioRxiv 2018-07-13 [PMID: 30578322] (WB, Mouse)



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Products Related to NBP1-84510

NBP1-84510PEP	SQRDL Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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