

Rabbit SQLE Polyclonal Antibody | anti-SQLE antibody

SQLE Antibody

CATALOG # AAA322890	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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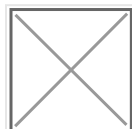
PRODUCT SYNONYMS

SQLE; Polyclonal Antibody; SQLE Antibody; ERG1; ERG1_HUMAN; SE; Squalene epoxidase; Squalene monooxygenase; anti-SQLE antibody

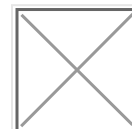
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SQLE antibody detects endogenous levels of SQLE.
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	574
Applicable Applications for anti-SQLE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SQLE.
Subcellular Location	Microsome membrane. Endoplasmic Reticulum Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (88%), Bovine (100%), Horse (83%), Sheep (100%), Rabbit (100%), Dog (92%), Chicken (83%), Xenopus (83%)
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 from rat muscle, using SQLE antibody. Lane 1 was treated with the blocking peptide.


WB (Western Blot)

Western blot analysis of extracts of A549 cells, using SQLE antibody.



IHC (Immunohistochemistry)

AAA322890 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SQLE antibody

Function: Catalyzes the first oxygenation step in sterol biosynthesis and is suggested to be one of the rate-limiting enzymes in this pathway.
Subunit Structure: May form a complex with squalene synthase.
Similarity: Belongs to the squalene monooxygenase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865635
NCBI GeneID	6713
NCBI Accession #	NP_003120.2
NCBI GenBank Nucleotide #	NM_003129.3
UniProt Accession #	Q14534; Q9UEK6
Molecular Weight	Observed: 64 kDa Predicted: 64 kDa
NCBI Official Full Name	squalene monooxygenase
NCBI Official Synonym Full Names	squalene epoxidase
NCBI Official Symbol	SQLE
NCBI Protein Information	squalene monooxygenase
UniProt Protein Name	Squalene monooxygenase
UniProt Gene Name	SQLE
UniProt Synonym Gene Names	ERG1; SE

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://stage.aaabiotech.com/polyclonal/sqle-antibody-immunohistochemistry-western-blot-elisa/322890>