

Rabbit anti-Human SQLE Polyclonal Antibody | anti-SQLE antibody

SQLE Antibody (N-term)

CATALOG # AAA283762	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

SQLE; Polyclonal Antibody; SQLE Antibody (N-term); Squalene monooxygenase; Squalene epoxidase; SE; ERG1; anti-SQLE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SQLE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-97 amino acids from the N-terminal region of human SQLE.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	68-97
Sequence Length	574
Applicable Applications for anti-SQLE antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

SQLE Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SQLE Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

SQLE Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the SQLE antibody detected the SQLE protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SQLE antibody	Squalene epoxidase catalyzes the first oxygenation step in sterol biosynthesis and is thought to be one of the rate-limiting enzymes in this pathway.
Product Categories/Family for anti-SQLE antibody	Cancer; Metabolism
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Lu, Y., et al. J. Lipid Res. 49(12):2582-2589(2008) Helms, M.W., et al. Br. J. Cancer 99(5):774-780(2008) Liu, Y., et al. Lung Cancer 56(3):307-317(2007)

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	63923
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
UniProt Entry Name	ERG1_HUMAN

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/283762>