

SQLE Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12624a**Specification**

SQLE Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q14534](#)

SQLE Antibody (N-term) Blocking peptide - Additional Information

Gene ID 6713

Other Names

Squalene monooxygenase, Squalene epoxidase, SE, SQLE, ERG1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SQLE Antibody (N-term) Blocking peptide - Protein Information

Name SQLE

Synonyms ERG1

Function

Catalyzes the stereospecific oxidation of squalene to (S)- 2,3-epoxysqualene, and is considered to be a rate-limiting enzyme in steroid biosynthesis.

Cellular Location

Microsome membrane; Peripheral membrane protein. Endoplasmic reticulum membrane; Peripheral membrane protein

Tissue Location

Detected in liver (at protein level).

SQLE Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SQLE Antibody (N-term) Blocking peptide - Images

SQLE Antibody (N-term) Blocking peptide - Background

Squalene epoxidase catalyzes the first oxygenation step in sterol biosynthesis and is thought to be one of the rate-limiting enzymes in this pathway.

SQLE Antibody (N-term) Blocking peptide - 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)