

SQLE

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:20 - 1:50

Calculated MW: 64kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SQLE

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FLJ30795; Squalene monooxygenase; SQLE; ERG1;

Catalog #: A2428

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6713

Isotype: IgG

Swiss Prot: Q14534

Purity: Affinity purification

For research use only.

Background:

SQLE, also named as ERG1, SE and SM, belongs to the squalene monooxygenase family. It catalyzes the first oxygenation step in cholesterol synthesis, acting on squalene before cyclization into the basic steroid structure. SQLE may serve as a flux-controlling enzyme beyond 3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMGR, considered as rate limiting). It is also posttranslationally regulated by cholesterol-dependent proteasomal degradation. (PMID:21356516) The MW of SQLE is about 64kd.

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