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Datasheet for ABIN7119452 **anti-SQLE antibody**

Overview

Quantity:	100 µg
Target:	SQLE
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SQLE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	squalene epoxidase
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SQLE
Alternative Name:	SQLE (SQLE Products)
Background:	Synonyms:ERG1, FLJ30795, SE, SM, SQLE, squalene epoxidase, Squalene monooxygenase 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

Target Details

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.

Molecular Weight: 64 kDa

Gene ID: 6713

UniProt: [Q14534](#)

Application Details

Application Notes: WB: 1:200-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months