Datasheet for ABIN954946

anti-SQLE antibody (N-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	SQLE
Binding Specificity:	AA 67-97, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SQLE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 67-97aa) of human Squalene epoxidase / SQLE
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Squalene epoxidase / SQLE at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	SQLE

Target Details

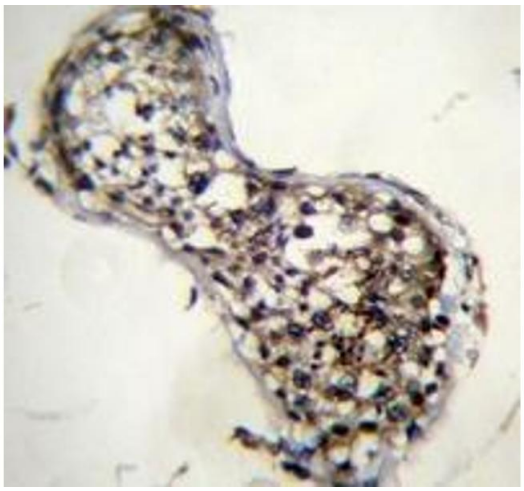
Alternative Name:	Squalene Epoxidase / SQLE (SQLE Products)
Background:	Squalene epoxidase catalyzes the first oxygenation step in sterol biosynthesis and is thought to be one of the rate-limiting enzymes in this pathway.Synonyms: ERG1, Squalene monooxygenase
Gene ID:	6713
NCBI Accession:	NP_003120

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in human testis tissue (Formalin-fixed, Paraffin-embedded) using Squalene epoxidase / SQLE Antibody (N-term), followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SQLE antibody for IHC; Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis in A549 cell line lysates (35ug/lane) using Squalene epoxidase / SQLE Antibody (N-term). This demonstrates the SQLE antibody detected the SQLE protein (arrow).