

## Rabbit Anti-Squalene Epoxidase/Cy5 Conjugated antibody

SL4218R-Cy5

<b>Product Name</b>	Anti-Squalene Epoxidase/Cy5
<b>Chinese Name</b>	Cy5 标记的鲨烯环氧酶抗体
<b>Alias</b>	ERG1; SE antibody SQLE; Squalene monooxygenase; ERG1_HUMAN.
<b>Research Area</b>	Tumour Cell biology immunology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Rat(predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	64kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Squalene Epoxidase
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
	<b>background:</b> This protein catalyzes the first oxygenation step in sterol biosynthesis and is suggested to be one of the rate-limiting enzymes in this pathway.
<b>Product Detail</b>	<b>Function:</b> Catalyzes the first oxygenation step in sterol biosynthesis and is suggested to be one of the rate-limiting enzymes in this pathway.

**Subunit:**

May form a complex with squalene synthase.

**Subcellular Location:**

Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the squalene monooxygenase family.

**Database links:**

[Entrez Gene: 6713](#) Human

[Entrez Gene: 20775](#) Mouse

[Entrez Gene: 29230](#) Rat

[Olim: 602019](#) Human

[SwissProt: Q14534](#) Human

[SwissProt: P52019](#) Mouse

[SwissProt: P52020](#) Rat

[Unigene: 71465](#) Human

[Unigene: 296169](#) Mouse

[Unigene: 33239](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.