SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-SCOT2 antibody

Catalog Number: SL15589R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	SCOT2
Immunogen:	KLH conjugated synthetic peptide derived from human SCOT2 : 101-200/517
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Chicken,Horse,Rabbit,Sheep)
Predicted MW.:	52kDa
Background:	OXCT2 is a testis-specific succinyl-CoA:3-oxoacid CoA transferase (EC 2.8.3.5), which catalyzes the reversible transfer of CoA from succinyl-CoA to acetoacetate in the first step of ketone body utilization. See also OXCT1 (MIM 601424).[supplied by OMIM, Mar 2008]. **Function:** Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate. **Subunit:** Homodimer. **Subcellular Location:** Mitochondrion. **Tissue Specificity:** Testis specific. **Similarity:** Belongs to the 3-oxoacid CoA-transferase family. **Database links:**

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

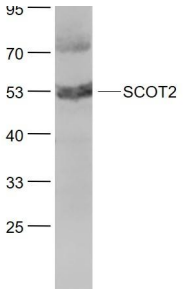
SunLong Biotech Co.,LTD

Tel: 0086-571-56623320 Fax:0086-571-56623318

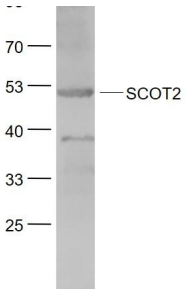
E-mail:sales@sunlongbiotech.com

www.sunlongbiotech.com

[VALIDATION IMAGES]



Sample:
SY5Y(Human) Cell Lysate at 30 ug
Primary: Anti- SCOT2 (SL15589R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52 kD
Observed band size: 52 kD



Sample:
293T(Human) Cell Lysate at 30 ug
Primary: Anti- SCOT2 (SL15589R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52 kD
Observed band size: 52 kD

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