SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-PCSK4 antibody

Catalog Number: SL15501R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PCSK4
Immunogen:	KLH conjugated synthetic peptide derived from human PCSK4: 221-320/755
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,Mouse(predicted:Rat,Pig,Cow)
Predicted MW.:	70kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	PCSK4 is a member of the subtilisin-like proprotein convertase family. These enzymes process latent precursor proteins into their biologically active products. The encoded protein plays a critical role in reproduction and processes multiple prohormones including pro-pituitary adenylate cyclase-activating protein (proPACAP) and pro-insulin-like growth factor II. **Function:** Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. Plays a role in transcriptional coactivation. May be involved in stabilizing the multiprotein transcription complex. **Subcellular Location:** Membrane; Single-pass membrane protein (Potential). **Tissue Specificity:** Placenta. **Similarity:** Belongs to the peptidase S8 family. Furin subfamily. Contains 1 FU (furin-like) repeat. **Database links:** **Entrez Gene:** 54760 Human

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

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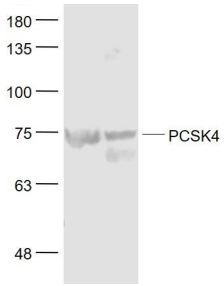
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	Omim: 600487 Human **SwissProt:** Q6UW60 Human **Unigene:** 46884 Human

[VALIDATION IMAGES]



Sample:
SY5Y(Human) Cell Lysate at 30 ug
Testis (Mouse) Lysate at 40 ug
Primary: Anti- PCSK4 (SL15501R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 70 kD
Observed band size: 70 kD

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