SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CYP4Z1 antibody

Catalog Number: SL14163R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CYP4Z1
Immunogen:	KLH conjugated synthetic peptide derived from human CYP4Z1: 51-150/505
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 MW.:	59kDa
Subcellular Location:	cytoplasmic
Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This gene is part of a cluster of cytochrome P450 genes on chromosome 1p33. [provided by RefSeq, Jul 2008] **Subcellular Location:** Endoplasmic reticulum membrane. Microsome membrane. **Tissue Specificity:** Preferentially detected in breast carcinoma tissue and mammary gland, whereas only marginal expression is found in all other tested tissues. **Similarity:** Belongs to the cytochrome P450 family. **Database links:** **Entrez Gene:** 199974 Human **SwissProt:** Q86W10 Human **Unigene:** 176588 Human

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

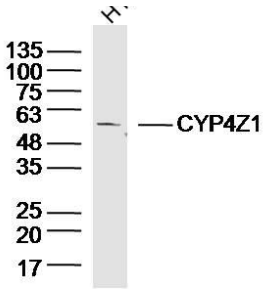
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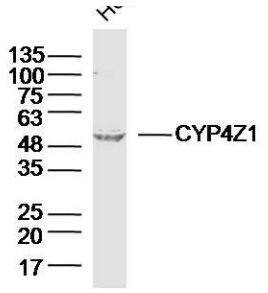
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[VALIDATION IMAGES]



Sample: HT29(Human) Cell Lysate at 40 ug
Primary: Anti-CYP4Z1(SL14163R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 59kD
Observed band size: 59kD



Sample: HepG2 (Human)Cell Lysate at 40 ug
Primary: Anti-CYP4Z1(SL14163R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 59kD
Observed band size: 59kD

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