SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CYP2S1 antibody

Catalog Number: SL15499R

FOR RESEARCH USE ONLY

[DATASHEET]

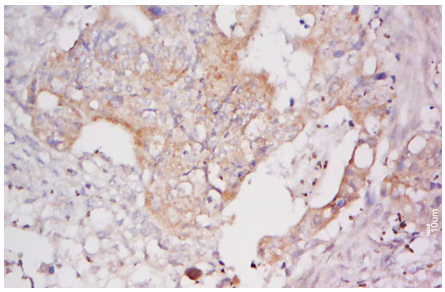
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CYP2S1
Immunogen:	KLH conjugated synthetic peptide derived from human CYP2S1: 21-120/504
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （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,Dog,Cow)
Predicted MW.:	56kDa
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 protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. [provided by RefSeq, Jul 2008]. **Function:** Has a potential importance for extrahepatic xenobiotic metabolism. **Subcellular Location:** Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein. **Tissue Specificity:** High level of expression in trachea, lung, stomach, small intestine, and spleen. **Similarity:** Belongs to the cytochrome P450 family.

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

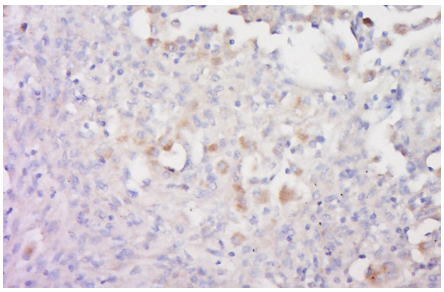
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	Database links: **Entrez Gene:** 29785 Human **Entrez Gene:** 74134 Mouse Omim: 611529 Human **SwissProt:** Q96SQ9 Human **SwissProt:** Q9DBX6 Mouse **Unigene:** 98370 Human **Unigene:** 275188 Mouse

[VALIDATION IMAGES]



Tissue/cell: human gastric cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CYP2S1 Polyclonal Antibody, Unconjugated(SL15499R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CYP2S1 Polyclonal Antibody, Unconjugated(SL15499R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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