SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Cytochrome P450 2D1 antibody

Catalog Number: SL23771R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Cytochrome P450 2D1
Immunogen:	KLH conjugated synthetic peptide derived from rat Cytochrome P450 2D1: 101-200/504
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:	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:	Rat
Predicted MW.:	55kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	The cytochrome P450 superfamily of heme thiolate mono oxygenases play a key role in the oxidative metabolism of many endogenous and exogenous molecules, and are classified by their primary structure into four main groups. It is an ancient superfamily, which has been identified in prokaryotes and in many types of eukaryotic cells. The CYP2A sub family is found in the liver, and recently in the nasal mucosa where they are involved in the metabolism of inhaled xenobiotics and nicotine. CYP2B proteins are found in the liver, where they are involved in the metabolism of hepatic drugs, and in the lung and brain, whereas the CYP2C proteins are involved in the metabolism of anti depressants. CYP2E1 is alcohol inducible, and found principally in the liver. **Subcellular Location:** Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein. **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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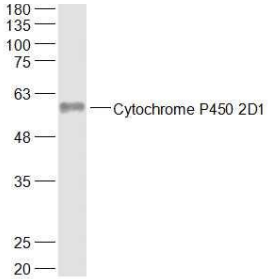
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	Database links: **Entrez Gene:** 266684 Rat **SwissProt:** P10633 Rat

[VALIDATION IMAGES]



Sample:
BRL-3A(Rat) Cell Lysate at 30 ug
Primary: Anti-Cytochrome P450 2D1 (SL23771R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 55 kD
Observed band size: 58 kD

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