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

[Primary Antibody]

Rabbit Anti-Cytochrome p450 2J2 antibody

Catalog Number: SL14181R

FOR RESEARCH USE ONLY

[DATASHEET]

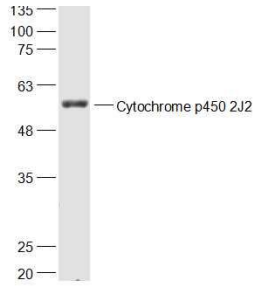
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Cytochrome p450 2J2
Immunogen:	KLH conjugated synthetic peptide derived from human Cytochrome p450 2J2: 101-200/502
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% 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:	Mouse(predicted:Human)
Predicted MW.:	58 kDa
Subcellular Location:	The cell membrane
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 and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016]. **Function:** This enzyme metabolizes arachidonic acid predominantly via a NADPH-dependent olefin epoxidation to all four regioisomeric cis-epoxyeicosatrienoic acids. One of the predominant enzymes responsible for the epoxidation of endogenous cardiac arachidonic acid pools. **Subcellular Location:** Endoplasmic reticulum membrane. Microsome membrane. **Tissue Specificity:** Highly expressed in heart, present at lower levels in liver,

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

	ileum, jejunum, colon, and kidney. **Similarity:** Belongs to the cytochrome P450 family. **Database links:** **Entrez Gene:** 1573 Human Omim: 601258 Human **SwissProt:** P51589 Human **Unigene:** 152096 Human

[VALIDATION IMAGES]



Sample:
Mouse (Mouse) Lysate at 40 ug
Primary: Anti-Cytochrome p450 2J2 (SL14181R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 58 kD
Observed band size: 58 kD

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