



Datasheet for ABIN872965

anti-Cytochrome P450, Family 2, Subfamily J, Polypeptide 3 (CYP2J3) (AA 401-502) antibody



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Cytochrome P450, Family 2, Subfamily J, Polypeptide 3 (CYP2J3)
Binding Specificity:	AA 401-502
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cyp2-j3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Cytochrome P450, Family 2, Subfamily J, Polypeptide 3 (CYP2J3)
Alternative Name:	Cyp2-j3 (CYP2J3 Products)

Target Details

Background: Synonyms: CPJ2, Cytochrome P450 2J2, Arachidonic acid epoxygenase, CYP11J2, CYP2J2
Background: 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.

Molecular Weight: 55kDa

Gene ID: 1573

UniProt: [P51589](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

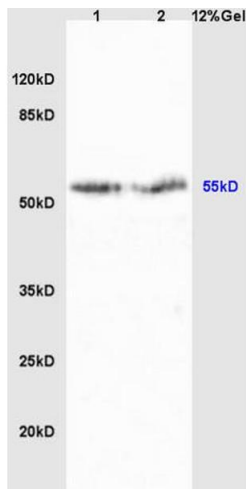
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

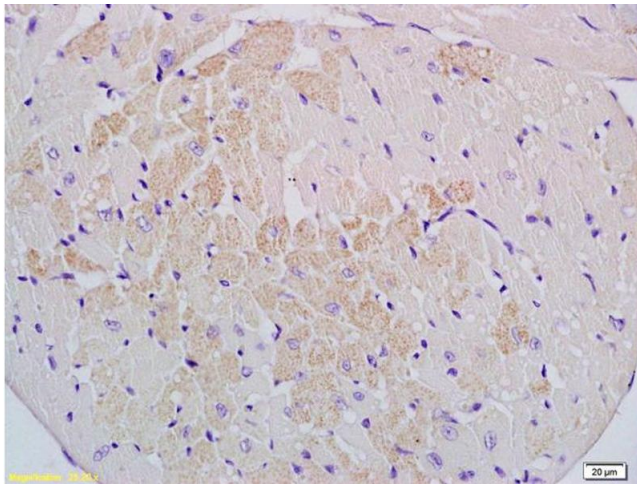
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Lane 1: rat liver lysates Lane 2: rat brain lysates probed with Anti Cyp2-j3 Polyclonal Antibody, Unconjugated (ABIN872965) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 55kD. Observed band size: 55kD.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse heart labeled with Anti-Cyp2-j3 Polyclonal Antibody, Unconjugated (ABIN872965) at 1:200 followed by conjugation to the secondary antibody and DAB staining