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Datasheet for ABIN893151

anti-Cytochrome P450, Family 2, Subfamily J, Polypeptide 3 (CYP2J3) (AA 401-502) antibody (Alexa Fluor 488)

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:	Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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

Target Details

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: 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: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months