

Rabbit anti-Human, Mouse Cytochrome P450 2J2 Polyclonal Antibody | anti-CYP2J2 antibody

Cytochrome P450 2J2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324265	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

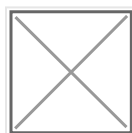
PRODUCT SYNONYMS

Cytochrome P450 2J2; Polyclonal Antibody; Cytochrome P450 2J2 Antibody; Arachidonic acid epoxygenase; CP2J2_HUMAN; CPJ2; CYP2J2; CYP11J2; Cytochrome P450 family 2 subfamily J polypeptide 2; Cytochrome P450 subfamily IIJ (arachidonic acid epoxygenase) polypeptide 2; Cytochrome P450 subfamily IIJ polypeptide 2; Flavoprotein linked monooxygenase; Microsomal monooxygenase; OTTHUMP00000010550; anti-CYP2J2 antibody

PRODUCT SPECIFICATIONS

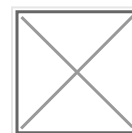
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 2J2 antibody detects endogenous levels of total Cytochrome P450 2J2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	502
Applicable Applications for anti-CYP2J2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane. Microsome Membrane.
Tissue Specificity	Highly expressed in heart, present at lower levels in liver, ileum, jejunum, colon, and kidney.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324265 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324265 staining HT29 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from A549 cells using Cytochrome P450 2J2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2J2 antibody

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.
Similarity: Belongs to the cytochrome P450 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18491008
NCBI GeneID	1573
NCBI Accession #	NP_000766.2
NCBI GenBank Nucleotide #	NM_000775.3
UniProt Accession #	P51589; Q8TF13; B2RD33
Molecular Weight	Observed: 50 kD Predicted: 58 kDa
NCBI Official Full Name	cytochrome P450 2J2
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily J member 2
NCBI Official Symbol	CYP2J2
NCBI Official Synonym Symbols	CPJ2; CYP1IJ2
NCBI Protein Information	cytochrome P450 2J2
UniProt Protein Name	Cytochrome P450 2J2
UniProt Gene Name	CYP2J2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2j2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324265>