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

Rabbit anti-Cytochrome P450 2J2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222467	**Rabbit**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Cytochrome P450 2J2; Polyclonal Antibody; Rabbit anti-Cytochrome P450 2J2 Antibody; Arachidonic acid epoxygenase; CYPIIJ2; anti-CYP2J2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CYP2J2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2J2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of Cytochrome P450 2J2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of Cytochrome P450 2J2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of Cytochrome P450 2J2 expression in HepG2 (A), A549 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYP2J2 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18491008
NCBI GeneID	1573
NCBI Accession #	NP_000766.2
NCBI GenBank Nucleotide #	NM_000775.2
UniProt Accession #	P51589
Molecular Weight	57,611 Da
NCBI Official Full Name	cytochrome P450 2J2
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily J, polypeptide 2
NCBI Official Symbol	CYP2J2
NCBI Official Synonym Symbols	CPJ2
NCBI Protein Information	cytochrome P450 2J2; CYPIIJ2; microsomal monooxygenase; arachidonic acid epoxygenase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIJ (arachidonic acid epoxygenase) polypeptide 2
UniProt Protein Name	Cytochrome P450 2J2
UniProt Gene Name	**CYP2J2**
UniProt Entry Name	CP2J2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2j2-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/222467