

Rabbit anti-Human CYP2J2 Polyclonal Antibody | anti-CYP2J2 antibody

CYP2J2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286102	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CYP2J2; Polyclonal Antibody; CYP2J2 Antibody (N-term); Cytochrome P450 2J2; Arachidonic acid epoxygenase; CYP11J2; anti-CYP2J2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP2J2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-124 amino acids from the N-terminal region of human CYP2J2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	96-124
Sequence Length	502
Applicable Applications for anti-CYP2J2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using CYP2J2 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with CYP2J2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of CYP2J2 Antibody (N-term) in HepG2 cell line lysates (35ug/lane).
CYP2J2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2J2 antibody	CYP2J2 is 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.
Product Categories/Family for anti-CYP2J2 antibody	Cardiovascular; Metabolism; Signal transduction
References	Wu S., Moomaw C.R., Tomer K.B.J. Biol. Chem. 271:3460-3468(1996) King L.M., Ma J., Srettabunjong S.Mol. Pharmacol. 61:840-852(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18491008
NCBI GeneID	1573
NCBI Accession #	NP_000766.2
NCBI GenBank Nucleotide #	NM_000775.2
UniProt Accession #	P51589; Q8TF13; B2RD33
Molecular Weight	57611
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp2j2-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/286102>