

## CYP2J2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02412
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2J2. AA range:231-280
<b>Mol wt</b>	57611
<b>Species reactivity</b>	Human, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CYP2J2 Antibody
<b>Synonyms</b>	CYP2J2; Cytochrome P450 2J2; Arachidonic acid epoxygenase; CYP11J2

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

CYP2J2 encodes 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. Multiple transcript variants have been found for CYP2J2.

### Recommended Dilution

WB: 1: 500 - 1: 2000

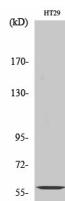
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

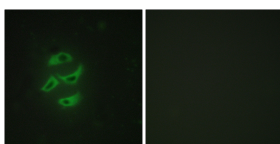
ELISA: 1: 10000

Not yet tested in other applications.

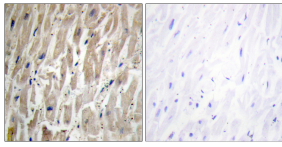
### Images



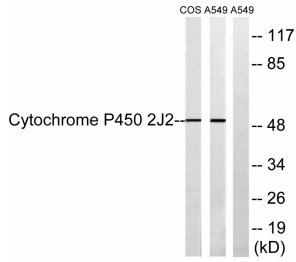
Western Blot analysis of various cells using CYP2J2 Polyclonal Antibody



Immunofluorescence analysis of HepG2 cells, using Cytochrome P450 2J2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using Cytochrome P450 2J2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 and COS7 cells, using Cytochrome P450 2J2 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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