

Anti-Cytochrome P450 2J2 CYP2J2 Antibody

Catalog Number: A03128

About CYP2J2

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.

Wu S., J. Biol. Chem. 271:3460-3468(1996).

King L.M., Mol. Pharmacol. 61:840-852(2002).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Overview

Product Name	Anti-Cytochrome P450 2J2 CYP2J2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Cytochrome P450 2J2 CYP2J2 Antibody (Catalog # A03128). Tested in WB, IHC, IF applications. This antibody reacts with Human.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P51589

Technical Details

Immunogen	Synthesized peptide derived from internal of human Cytochrome P450 2J2.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

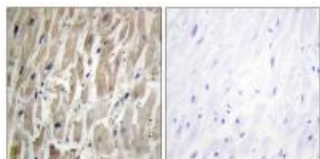
Boster Bio's internal QC testing used:

Western blotting: 1:500~1:3000

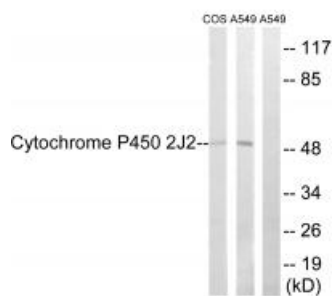
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

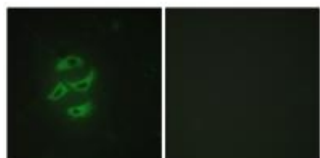
Anti-Cytochrome P450 2J2 CYP2J2 Antibody (A03128) Images



Immunohistochemistry analysis of paraffin-embedded human heart tissue using Cytochrome P450 2J2 antibody A03128.



Western blot analysis of extracts from A549 cells, RAW264.7 cells and NIH-3T3 cells, using Cytochrome P450 2J2 antibody A03128.



Immunofluorescence analysis of HepG2 cells, using Cytochrome P450 2J2 antibody A03128.

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