

Anti-Cytochrome P450 2J2 CYP2J2 Antibody

Catalog Number: A03128-1

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, Mouse, Rat
Description	Boster Bio Anti-Cytochrome P450 2J2 CYP2J2 Antibody catalog # A03128-1. Tested in WB,IHC,ICC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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 intrnal 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 and the purity is > 95% (by SDS-PAGE).

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:

WB: 1:500-1:1000

IHC: 1:50-1:200

ICC: 1:50-1:200

Anti-Cytochrome P450 2J2 CYP2J2 Antibody (A03128-1) Images

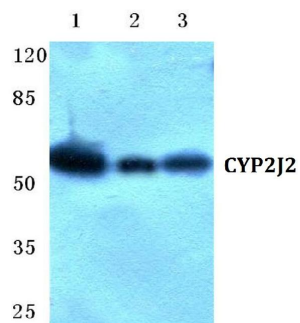


Figure 1. Western blotting validation for Anti-Cytochrome P450 2J2 CYP2J2 Antibody A03128-1

Western blot (WB) analysis of CYP2J2 polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:NIH-3T3 cell lysate

Lane3:H9C2 cell lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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