

Anti-Cytochrome P450 4A11/22 CYP4A11 Antibody

Catalog Number: A03493

About CYP4A11

Catalyzes the omega- and (omega-1)-hydroxylation of various fatty acids such as laurate, myristate and palmitate. Has little activity toward prostaglandins A1 and E1. Oxidizes arachidonic acid to 20-hydroxyeicosatetraenoic acid (20-HETE).

Capdevila J.H., Arch. Biochem. Biophys. 409:221-227(2003).

Bentley D.R., Nature 441:315-321(2006).

Shin H.D., J. Hum. Genet. 50:259-263(2005).

Overview

Product Name	Anti-Cytochrome P450 4A11/22 CYP4A11 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Cytochrome P450 4A11/22 CYP4A11 Antibody (Catalog # A03493). Tested in WB applications. This antibody reacts with Human.
Application	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	Q02928

Technical Details

Immunogen	Synthesized peptide derived from internal of human CYTOCHROME P450 4A11/22.
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.

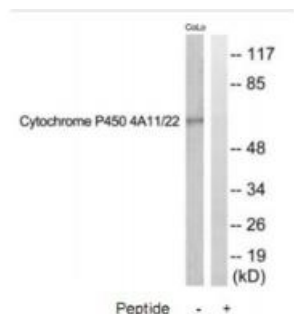
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

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

Anti-Cytochrome P450 4A11/22 CYP4A11 Antibody (A03493) Images



Western blot analysis of extracts from COLO205, HuvEc and HeLa cells, using CYTOCHROME P450 4A11/22 antibody A03493.

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