

CYP4F2 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02426

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CYP4F2. AA range:41-90

Mol wt 59853

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name CYP4F2 Antibody

Synonyms CYP4F2; Leukotriene-B(4) omega-hydroxylase 1; CYPIVF2; Cytochrome P450 4F2; Cytochrome P450-

LTB-omega; Leukotriene-B(4) 20-monooxygenase 1

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

Background

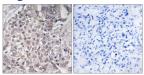
CYP4F2 encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. Cytochrome P450 family 4 subfamily F member 2 localizes to the endoplasmic reticulum. The enzyme starts the process of inactivating and degrading leukotriene B4, a potent mediator of inflammation. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F11, is approximately 16 kb away.

Recommended Dilution

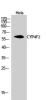
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

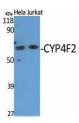
Images



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma, using Cytochrome P450 4F2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of Hela cells using CYP4F2 Polyclonal Antibody



Storage

-20°C for one year

 $501\ Changsheng\ S\ Rd,\ Nanhu\ Dist,\ Jiaxing,\ Zhejiang,\ China$ Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com