

## CYP4F2 (M66) polyclonal antibody

Catalog: BS9135

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

CYP4F isoforms are involved in the oxidation of important cellular mediators, such as leukotriene B4 (LTB4) and prostaglandins. CYP4F2 catalyzes  $\omega$ -hydroxylation of LTB4 to a less potent proinflammatory eicosanoid, 20-OH-LTB4, as well as arachidonic acid. CYP4F2 is expressed in liver and kidney. Its expression is repressed by peroxisomal proliferators and induced by retinoic acid. X-linked adrenoleukodystrophy (X-ALD) is a severe neurodegenerative disorder biochemically characterized by elevated levels of very long-chain fatty acids (VLCFA). CYP4F2 participates in the  $\omega$ -hydroxylation of VLCFAs, which may provide an alternative mode of treatment for X-ALD patients.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 60 kDa

### Swiss-Prot:

P78329

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

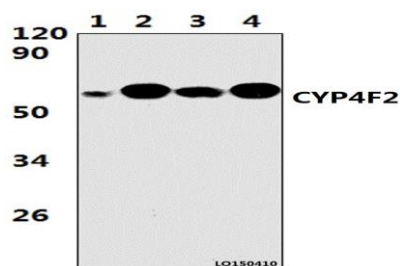
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CYP4F2 (M66) polyclonal antibody detects endogenous levels of CYP4F2 protein.

### DATA:



Western blot (WB) analysis of CYP4F2 polyclonal antibody at 1:1000 dilution Lane1:HEPG2 whole cell lysate(55ug)

Lane2:LO2 whole cell lysate(38ug) Lane3:The liver tissue lysate of Rat(41ug) Lane4:The liver tissue lysate of Mouse(38ug)

Immunohistochemistry (IHC) analyzes of CYP4F2 (M66) pAb in paraffin-embedded human liver cancer tissue.

### Note:

For research use only, not for use in diagnostic procedure.

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