

CYP3A4 polyclonal antibody

Catalog: BS90368

Host: Rabbit

Reactivity: Human

BackGround:

CYP3A, the most abundant p450 enzyme in human liver, is responsible for the metabolism of more than 50% of the clinical test & It; RTI ID = 0.0 & gt; (cYP3A) genes encode monooxygenases-enzymes which catalyze drug metabolism and the synthesis of cholesterol, steroids and other lipids. CYP3A family members localize in organs that associate with drug disposition, including the liver, gastrointestinal tract and kidney. The CYP3A cluster maps to gene locus 7q22.1 and consists of four genes (CYP3A4, CYP3A5, CYP3A7 and CYP3A43) and two pseudogenes (CYP3A4 is abundant in the endoplasmic reticulum of liver cells and upper intestinal enterocytes. CYP3A4 expression is isducible by glucocorticoids pharmacological agents.

Product:

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

Molecular Weight:

57 kDa

Swiss-Prot:

P08684(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB 1:500 - 1:2000
IHC 1:50 - 1:200
IF 1:50 - 1:200

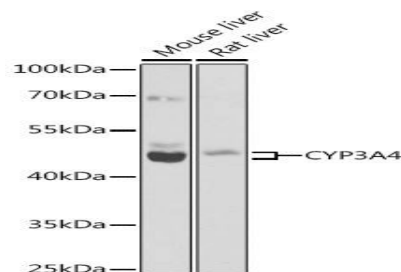
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

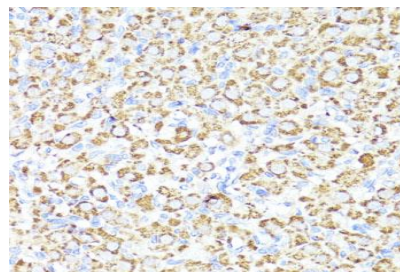
Specificity:

CYP3A4 polyclonal antibody detects endogenous levels of CYP3A4 protein.

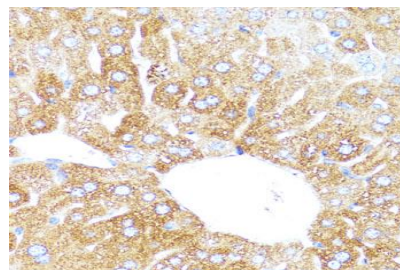
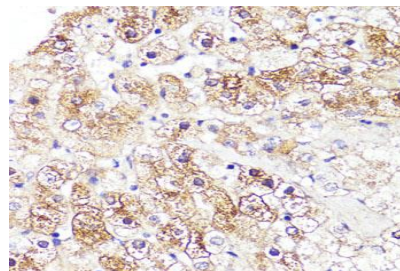
DATA:



Western blot analysis of Cytochrome P450 3A4 on human liver tissue lysate using anti-Cytochrome P450 3A4 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Cytochrome P450 3A4 antibody. Counter stained with hematoxylin.



Note:

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

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