

## CYP3A4 polyclonal antibody

Catalog: BS90368

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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 inducible 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

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

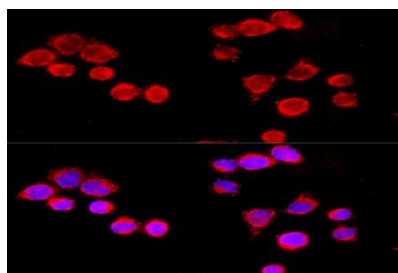
### Storage&Stability:

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:



Immunofluorescence analysis of HeLa cells using CYP3A4 antibody at dilution of 1:100 (40x lens).

### Note:

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

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