

# Anti-Cytochrome P450 3A4 [CYP3A4]

**Catalogue number:** 151726

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Roland Wolf

**Institute:** University of Dundee

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Cytochrome P450 3A4 [CYP3A4]

**Alternate name:**

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and its expression is induced by glucocorticoids and some pharmacological agents. This enzyme is involved in the metabolism of approximately half the drugs in use today, including acetaminophen, codeine, cyclo...

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Human

**Selectivity:**

**Host:** Sheep

**Immunogen:** Purified recombinant human P450s

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Human Liver Microsomes

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** CYP 3A4

**Target alternate names:**

**Target background:** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and its expression is induced by glucocorticoids and some pharmacological agents. This enzyme is involved in the metabolism of approximately half the drugs in use today, including acetaminophen, codeine, cyclo...

**Molecular weight:**

**Ic50:**

## Applications

**Application:** WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

**References**

**References:**

CancerTools.org