

Product Datasheet

Cytochrome P450 3A4 Antibody

Catalog No: CY6982

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP



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Information

UniProt ID: P08684

All Names: CYP3A4; CYP11A3; CYP11A4; Cytochrome P450 3A3; Cytochrome P450 HLp; Cytochrome P450 NF-25; Cytochrome P450-PCN1; Nifedipine oxidase;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 57kDa

Application

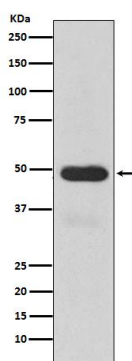
WB 1:1000~1:5000

IHC 1:50~1:200

IP 1:50

Background

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It performs a variety of oxidation reactions (e.g. caffeine 8-oxidation, omeprazole sulfoxidation, midazolam 1'-hydroxylation and midazolam 4-hydroxylation) of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. The enzyme also hydroxylates etoposide.



Western blot analysis of Cytochrome P450 3A4 expression in Human fetal liver lysate.

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