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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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CYP3A4 (Human) IP-WB Antibody Pair

Catalog # : H00001576-PW1

規格 : [1 Set]

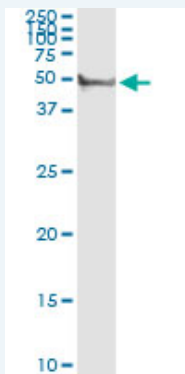
List All

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of CYP3A4 transfected lysate using rabbit polyclonal anti-CYP3A4 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-CYP3A4.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-CYP3A4 (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-CYP3A4 (50 ug)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [1576](#)

Gene Name: CYP3A4

Gene Alias: CP33,CP34,CYP3A,CYP3A3,HLP,MGC126680,NF-25,P450C3,P450PCN1

Gene Description: cytochrome P450, family 3, subfamily A, polypeptide 4

Omim ID: [124010](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene, CYP3A4, encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which 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 which are used today, including acetaminophen, codeine, cyclosporin A, diazepam and erythromycin. The enzyme also metabolizes some steroids and carcinogens. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Previously another CYP3A gene, CYP3A3, was thought to exist; however, it is now thought that this sequence represents a transcript variant of CYP3A4. [provided by RefSeq]

Other Designations: P450-III, steroid inducible, cytochrome P450, subfamily IIIA (nifedipine oxidase), polypeptide 3, cytochrome P450, subfamily IIIA (nifedipine oxidase), polypeptide 4, cytochrome P450, subfamily IIIA, polypeptide 4, glucocorticoid-inducible P450, nifedipine o

Gene Pathway

[Drug metabolism - cytochrome P450](#) [Drug metabolism - other enzymes](#)
[gamma-Hexachlorocyclohexane degradation](#) [Linoleic acid metabolism](#) [Metabolic pathways](#)
[Metabolism of xenobiotics by cytochrome P450](#) [Retinol metabolism](#)

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