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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP3A7 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001551-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CYP3A7 protein.

Immunogen: CYP3A7 (NP_000756.1, 1 a.a. ~ 503 a.a) full-length human protein.

Sequence:
 MDLIPNLAVETWLLLA VSLILLYLGT RTHGLFKKLGIPGPTLPFLGNAL
 SFRKGYWTFDMECYKKYRKVWGIYDCQQPMLAITDPDMIKTVLVKECYS
 VFTNRRPFGPVGFMKNAISIAEEDDEWKRIRSLLSPTFTSGKLEKEMVPIAQ
 YGDVLRNLRREAETGKPVTLKHVFGAYSMDVITSTSGVSDSLNPNQD
 PFVENTKLLRFPVAMRLERVCKKDVEINGMFIPKGVVWVWIPSYVLHHPDK
 QIKEGRLKETQKHRVDFLQLMIDSQNSKDSETHKALSDLELMAQSIIFIFA
 GYETTSSVLSFIYELATHPDVQQKVKQKEIDVLPNKAPPTYDVTVLQLEYL
 DMVVNETLRLFPVAMRLERVCKKDVEINGMFIPKGVVWVWIPSYVLHHPDK
 YWTEPEKFLPERFSKKNKDNIDPYIYTPFGSGPRNCIGMRFALVNMKLAL
 VRVLQNF SFKPKCKETQIPLKLRFGGLLLEKPIV LKAESRDET VSGA

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

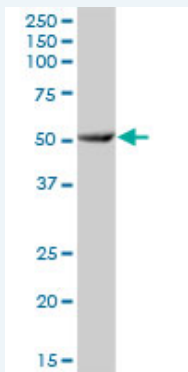
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)


Datasheet:  [Download](#)

Applications

Western Blot (Tissue lysate)



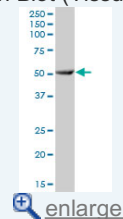
CYP3A7 MaxPab polyclonal antibody. Western Blot analysis of CYP3A7 expression in human liver.

 [Protocol Download](#)

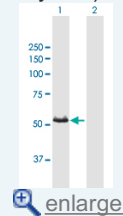
Western Blot (Transfected lysate)

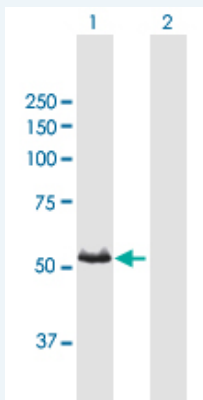
Application Image

Western Blot (Tissue lysate)




Western Blot (Transfected lysate)





Western Blot analysis of CYP3A7 expression in transfected 293T cell line ([H00001551-T01](#)) by CYP3A7 MaxPab polyclonal antibody.

Lane 1: CYP3A7 transfected lysate(55.33 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [1551](#)

GeneBank Accession#: [NM_000765.2](#)

Protein Accession#: [NP_000756.1](#)

Gene Name: CYP3A7

Gene Alias: CP37,P450-HFLA

Gene Description: cytochrome P450, family 3, subfamily A, polypeptide 7

Omim ID: [605340](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene, CYP3A7, 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 enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. The enzyme also metabolizes some drugs such as aflatoxin B1. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Transcript variants have been described, but it is not known whether these transcripts are normally produced. [provided by RefSeq]

Other Designations: aryl hydrocarbon hydroxylase,cytochrome P450, subfamily IIIA, polypeptide 7,flavoprotein-linked monooxygenase,microsomal monooxygenase,xenobiotic monooxygenase

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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