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- Trockeneiszuschlag
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CYP1A2 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001544-B01P

規格 : [50 ug]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CYP1A2 protein.

Immunogen: CYP1A2 (AAH67427.1, 1 a.a. ~ 516 a.a) full-length human protein.

Sequence:
 MALSQSVPFSAPELLLSAIFCLVFVWLKGLRPRVPKGLKSPPEPWGWP
 LLGHVLTGKNPHLALSRMSQRYGDVLRIDSTPVLVLSRLDTIRQALVR
 QGDDFKGRPDLYTSTLITDGQSLTFSTDSGPWAAARRRLAQNALNTFSI
 ASDPASSSSCYLEEHVSKEAKALISRLQELMAGPGHFDYPNQVVVSVANV
 IGAMCFGQHFPESSDEMLSLVKNTHEFVETASSGNPLDFFPILRYLPNPA
 LQRFKAFNQRFWFLQKTVQEHYQDFDKNSVRDITGALFKHKKGPRA
 SGNLIPQEKIVNLVNDIFGAGFDTVTTAISWSLMYLVTKPEIQRKIQKELDT
 VIGRERRPRLSDRPQLPYLEAFILETFRHSSFLPFTIPHSTTRDITLNGFYI
 PKKCCVFVNQWQVNHDPPELWEDPSEFRPERFLTADGTAINKPLSEKMM
 LFGMGKRRRCIGEVLAKEIFLFLAILLQQLEFSVPPGVKVDLTPYGLTMK
 HARCEHVQARLRFSIN

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

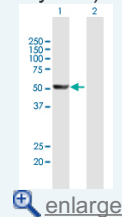
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

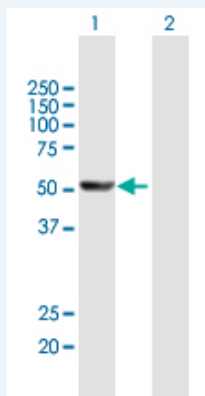
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CYP1A2 expression in transfected 293T cell line (H00001544-T01) by CYP1A2 MaxPab polyclonal antibody.

Lane 1: CYP1A2 transfected lysate(56.76 kDa).

Gene Information

Entrez GeneID: [1544](#)

GeneBank Accession#: [BC067427.1](#)

Protein Accession#: [AAH67427.1](#)

Gene Name: CYP1A2

Gene Alias: CP12,P3-450,P450(PA)

Gene Description: cytochrome P450, family 1, subfamily A, polypeptide 2

Omim ID: [124060](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene 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. The protein encoded by this gene localizes to the endoplasmic reticulum and its expression is induced by some polycyclic aromatic hydrocarbons (PAHs), some of which are found in cigarette smoke. The enzyme's endogenous substrate is unknown; however, it is able to metabolize some PAHs to carcinogenic intermediates. Other xenobiotic substrates for this enzyme include caffeine, aflatoxin B1, and acetaminophen. The transcript from this gene contains four Alu sequences flanked by direct repeats in the 3' untranslated region. [provided by RefSeq]

Other Designations: P450 form 4,aryl hydrocarbon hydroxylase,cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2,dioxin-inducible P3-450,flavoprotein-linked monooxygenase,microsomal monooxygenase,xenobiotic monooxygenase

Gene Pathway

[Caffeine metabolism](#) [Drug metabolism - cytochrome P450](#) [Linoleic acid metabolism](#)
[Metabolic pathways](#) [Metabolism of xenobiotics by cytochrome P450](#) [Retinol metabolism](#)
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