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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FMO2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002327-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human FMO2 protein.

Immunogen: FMO2 (NP_001451.1, 1 a.a. ~ 471 a.a) full-length human protein.

Sequence:
 MAKKVAVIGAGVSLISLKKCVDEGLEPTCFERTEDIGGVWRFKENVED
 GRASIYQSVVTNTSKEMSCFSDFPMPEDFPNFLHNSKLLLEYFRIFAKKFD
 LLKYIQFQTTVLSVRKCPDFSSSGQWKVVTQSNQKEQSAVFDVAVMVC
 GHILPHIPLKSFPGMERFKGQYFHSRQYKHPDGFEGKRILVIGMGNSGS
 DIAVELSKNAAQVFISTRHGTWVMSRISEGYWDSVHTRFRSMLRNV
 LPRTAVKWMIEQQMNRWFNHENYGLEPQNKYIMKEPVLNDDVPSRLCG
 AIKVSTVKELTETSAIFEDGTVENIDVIFATGYSFSFPFLDSLKVVENN
 MVSLYKYIFPAHLDKSTLACIGLIQPLGSIFPTAELQARWVTRVFKGLCSL
 PSERTMMMDIIRNEKRIDLFGESQSQTQLQTNVVDYLDLALAEIGAKPDF
 CSLLFKDPKLAVRLYFGPCNSY

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

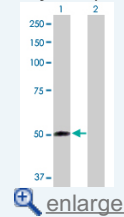
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

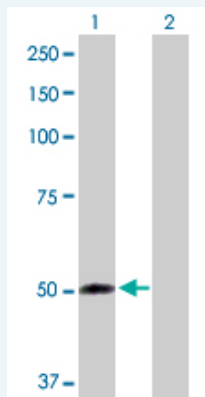
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of FMO2 expression in transfected 293T cell line (H00002327-T02) by FMO2 MaxPab polyclonal antibody.

Lane 1: FMO2 transfected lysate(53.60 KDa).
 Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [2327](#)

GeneBank Accession#: [NM_001460](#)

Protein Accession#: [NP_001451.1](#)

Gene Name: FMO2

Gene Alias: FLJ40826,FMO1B1

Gene Description: flavin containing monooxygenase 2 (non-functional)

Omim ID: [603955](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The flavin-containing monooxygenases are NADPH-dependent enzymes that catalyze the oxidation of many drugs and xenobiotics. In most mammals, there is a flavin-containing monooxygenase that catalyzes the N-oxidation of some primary alkylamines through an N-hydroxylamine intermediate. However, in humans, this enzyme is truncated and is probably rapidly degraded. The protein encoded by this gene represents the truncated form and apparently has no catalytic activity. A functional allele found in African Americans has been reported, but no sequence evidence has been deposited to support the finding. This gene is found in a cluster with the FMO1, FMO3, and FMO4 genes on chromosome 1. [provided by RefSeq]

Other Designations: FMO, pulmonary,dimethylaniline monooxygenase [N-oxide-forming] 2,dimethylaniline oxidase 2,pulmonary flavin-containing monooxygenase 2

Gene Pathway

[Drug metabolism - cytochrome P450](#)

Related Disease

[Hearing Loss Kidney Failure, Chronic](#)