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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP2A7 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001549-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CYP2A7 protein.

Immunogen: CYP2A7 (NP_000755, 1 a.a. ~ 494 a.a) full-length human protein.

Sequence:
 MLASGLLLVALLAQLTVMVLSVWQQRKSRGKLPPTPLPFIGNYLQL
 NTEHICDSIMKFSECYGPVFTIHLGPRRVVLCGHDAVREALVDQAEFS
 GRGEQATFDWVFKGYGVAFSNGERAKQLLRFAIATLRDFGVGKRGIEE
 RIQEESGFLIEAIRSTHGANIDPTFFLSRTVSNMISSIVGDRFDYEDKEFLS
 LLSMMLGIFQFTSTSTGQLYEMFSSVMKHLPGPQQQAFKLLQGLEDFA
 KKVEHNQRTLDPNPQDFIDSLIHMQEEEEKNPNTFYLKMLMMSTLNLFI
 AGTETVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNRQPKFEDRTKMP
 YMEAVIHEIQRFGDVIPMSLARRVKKDKFRDFFLPKGTEVFPMLGSVLR
 DPSFFSNPQDFNPQHFLDDKGQFKKSDAFVPFSIGKRNCFG EGLARME
 LFLFFTVMQNFRLKSSQSPKDIDVSPKHVVVFATIPRNYTMSFLPR

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

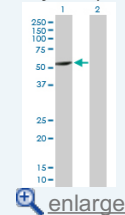
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

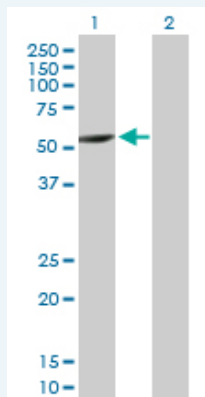
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CYP2A7 expression in transfected 293T cell line by CYP2A7 MaxPab polyclonal antibody.

Lane 1: CYP2A7 transfected lysate(54.34 KDa).
 Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [1549](#)

GeneBank Accession#: [NM_000764](#)

Protein Accession#: [NP_000755](#)

Gene Name: CYP2A7

Gene Alias: CPA7,CPAD,CYP2A,CYP11A7,P450-IIA4

Gene Description: cytochrome P450, family 2, subfamily A, polypeptide 7

Omim ID: [608054](#)

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. This protein localizes to the endoplasmic reticulum; its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq]

Other Designations: cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 7

Gene Pathway

[Caffeine metabolism](#) [Drug metabolism - cytochrome P450](#)
[Drug metabolism - other enzymes](#) [Metabolic pathways](#) [Retinol metabolism](#)

Related Disease

[Kidney Failure, Chronic](#)