



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

CYP3A4 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00001576-D01

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human CYP3A4 protein.

Immunogen: CYP3A4 (AAI01632.1, 1 a.a. ~ 503 a.a) full-length human protein.

Sequence:

MALIPDLAMETWLLLAVSLVLLYLYGTHSHGLFKKLGIP
GPTPLPFLGNILSYHKGFCMFDMECHKKYGKVVWGFY
DGQQPVLAITDPDIKTVLVKECYSVFTNRRPFPGPVGL
MKSASIAEDEEWKRLRSLSPFTSGKLEKEMVPIIAQY
GDVLRNLRREAETGKPVTLKDVFGAYSMDVITSTSF
GVNIDSLNNPQDPFVENTKKLLRFDFLDPFFLSITVFPF
LIPILEVLNICVFPREVTNFLRKSVKRMKESRLEDTQKH
RVDFLQLMDSQNSKETESHKALSDLELVAQSIIFIFAG
YETTSSVLSFIMYELATHPDVQQKLQEEIDAVLPNKAP
PTYDTVLQMEYLDMMVNETLRLFPFIAMRLERVCKKDV
EINGMFIPKGVVVMIPSYALHRDPKYWTEPEKFLPERF
SKKNKDNIDPYIYTPFGSGPRNCIGMRFALMNMKLALI
RVLQNFSPKPKETQIPLKLSLGGLLQPEKPVVLKVES
RDGTVSGA

Host: Rabbit

Reactivity: Human

Applications: IP, WB-Ce, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

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

Entrez GeneID: 1576

Gene Symbol: CYP3A4

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

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]

References:

1. Extensive protein interactions involving cytochrome P450 3A4: a possible contributor to the formation of a metabolosome. Fujiwara R, Itoh T. *Pharma Res Per*, 2(5), 2014, e00053, doi: 10.1002/prp.2.53