



# 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

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## CYP27A1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001593-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human CYP27A1 protein.

**Immunogen:** CYP27A1 (NP\_000775.1, 1 a.a. ~ 531 a.a) full-length human protein.

**Sequence:**  
 MAALGCARLRWALRGAGRGLCPHGARAKAAIPAALPSDKATGAPGAGP  
 GVRRRQRSLEEIPRLGQLRFFFQLFVQGYALQLHQLQVLYKAKYGPMW  
 MSYLGPMQMHVNLASAPLLEQVMRQEGKYPVRNDMELWKEHRDQHDLT  
 YGPFTEGHHWYQLRQALNQRLKPAEAALYTDAFNEIDDFMTRLDQL  
 RAESASGNQVSDMAQLFYFALEAICYLFEKRIGCLQRSIPEDTVTFVRSI  
 GLMFQNSLYATFLPKWTRPVLPFWKRYLDGWNAIFSFGKKLIDEKLEDM  
 EAQLQAAGPDGIQVSGYLHLLASGQLSPREAMGSLPELLMAGVDTTSN  
 TLTWALYHLSKDPEIQEALHEEVGVVPAGQVPQHKDFAHMPLLKAVLK  
 ETLRLYPVPTNSRIIEKEIEVDGFLFPKNTQFVFCHYVVSVDPTAFSEPE  
 SFQPHRWLRNSQPATPRIQHFGSVFPGYGVRACLGRRIAELEMQLLLA  
 RLQIKYKVV LAPETGELKSVARIVLVPNKKVGLQFLQRQC

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

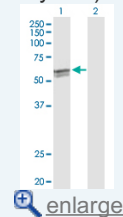
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Application Image

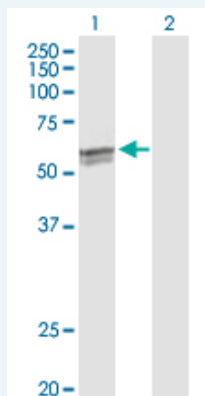
Western Blot (Transfected lysate)



[enlarge](#)

### Applications

Western Blot (Transfected lysate)



Western Blot analysis of CYP27A1 expression in transfected 293T cell line (H00001593-T02) by CYP27A1 MaxPab polyclonal antibody.

Lane 1: CYP27A1 transfected lysate(60.20 kDa).

## Gene Information

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**Entrez GeneID:** [1593](#)

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**GeneBank  
Accession#:** [NM\\_000784.2](#)

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**Protein  
Accession#:** [NP\\_000775.1](#)

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**Gene Name:** CYP27A1

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**Gene Alias:** CP27,CTX,CYP27

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**Gene  
Description:** cytochrome P450, family 27, subfamily A, polypeptide 1

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**Omim ID:** [213700](#), [606530](#)

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**Gene Ontology:** [Hyperlink](#)

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**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 mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease. [provided by RefSeq]

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**Other  
Designations:** 5-beta-cholestane-3-alpha, 7-alpha, 12-alpha-triol 26-hydroxylase,5-beta-cholestane-3-alpha, 7-alpha, 12-alpha-triol 27-hydroxylase,cholestanetriol 26-monooxygenase,cytochrome P-450C27/25,cytochrome P450, subfamily XXVIIA (steroid 27-hydroxylase, cerebrot

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## Gene Pathway

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[Metabolic pathways](#) [PPAR signaling pathway](#) [Primary bile acid biosynthesis](#)

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## Related Disease

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[Asthma](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)  
[Genetic Predisposition to Disease](#) [Prostate cancer](#) [Prostatic Neoplasms](#)

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