



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CYP24A1 polyclonal antibody (A01)

Catalog # : H00001591-A01

規格 : [ 50 uL ]

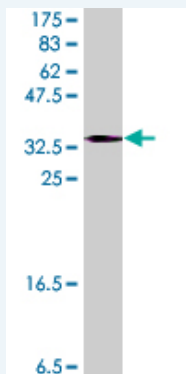
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### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a partial recombinant CYP24A1.
<b>Immunogen:</b>	CYP24A1 (NP_000773, 415 a.a. ~ 514 a.a) partial recombinant protein with GST tag.
<b>Sequence:</b>	LMLNTQVLGSSSEDNFEDSSQFRPERWLQEKEKINPFAHLPGVVGKRMCI GRRLAELQLHLALCWIVRKYDIQATDNEPVEMLHSGTLVPSRELPIAFCQ R
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human

**Quality Control** Antibody Reactive Against Recombinant Protein.

**Testing:**



Western Blot detection against Immunogen (37.11 kDa) .

**Storage Buffer:** 50 % glycerol

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

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

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

### Publication Reference

- [A naturally occurring retinoid, honokiol, can serve as a regulator of various retinoid x receptor heterodimers.](#)  
Kotani H, Tanabe H, Mizukami H, Amagaya S, Inoue M. Biol Pharm Bull. 2012;35(1):1-9.
- [Overexpression of ER and VDR is not sufficient to make ER-negative MDA-MB231 breast cancer cells responsive to 1alpha-Hydroxyvitamin D5.](#)  
Peng X, Jhaveri P, Hussain-Hakimjee EA, Mehta RG. Carcinogenesis. 2007 May;28(5):1000-7. Epub 2006 Nov 27.

### Applications

**Western Blot (Recombinant protein)**

[Protocol Download](#)

ELISA

## Gene Information

Entrez GeneID: [1591](#)

GeneBank Accession#: [NM\\_000782](#)

Protein Accession#: [NP\\_000773](#)

Gene Name: CYP24A1

Gene Alias: CP24,CYP24,MGC126273,MGC126274,P450-CC24

Gene Description: cytochrome P450, family 24, subfamily A, polypeptide 1

Omim ID: [126065](#)

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 mitochondrial protein initiates the degradation of 1,25-dihydroxyvitamin D3, the physiologically active form of vitamin D3, by hydroxylation of the side chain. In regulating the level of vitamin D3, this enzyme plays a role in calcium homeostasis and the vitamin D endocrine system. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations:** 1,25-@dihydroxyvitamin D3 24-hydroxylase,24-OHase,OTTHUMP00000031314,cytochrome P450 family 24 subfamily A polypeptide 1,cytochrome P450, subfamily XXIV (vitamin D 24-hydroxylase),exo-mitochondrial protein,vitamin D 24-hydroxylase

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