



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CYP2A7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001549-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

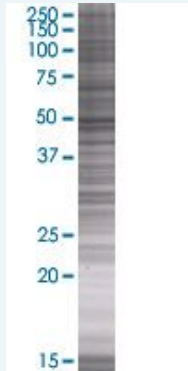
**Plasmid:** pCMV-CYP2A7 full-length

**Host:** Human

**Theoretical MW (kDa):** 56.4

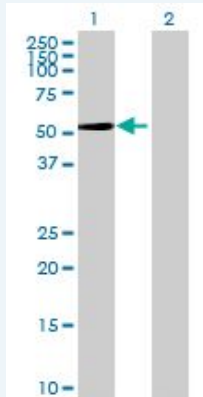
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-CYP2A7 antibody ([H00001549-B01](#)) by Western Blots.

#### SDS-PAGE Gel



CYP2A7 transfected lysate.

#### Western Blot



Lane 1: CYP2A7 transfected lysate ( 56.4 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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

### Applications

## Western Blot

### 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](#)

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