



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) 

CYP2A13 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001553-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

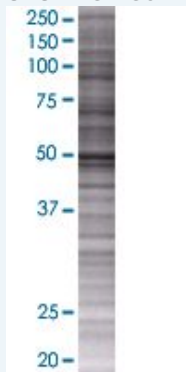
Plasmid: pCMV-CYP2A13 full-length

Host: Human

Theoretical MW (kDa): 54.34

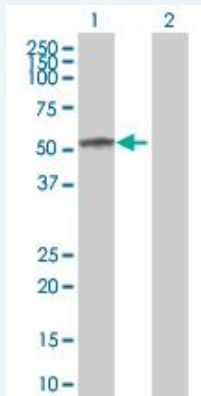
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP2A13 antibody ([H00001553-B01](#)) by Western Blots.

SDS-PAGE Gel



CYP2A13 transfected lysate.

Western Blot



Lane 1: CYP2A13 transfected lysate (54.34 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [1553](#)

GeneBank [BC153000](#)
Accession#:

Protein [AAI53001.1](#)
Accession#:

Gene Name: CYP2A13

Gene Alias: CPAD,CYP2A

Gene Description: cytochrome P450, family 2, subfamily A, polypeptide 13

Omim ID: [608055](#)

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. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. This gene 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 13

Gene Pathway

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

Related Disease

[Adenocarcinoma](#) [Carcinoma](#) [Carcinoma, Squamous Cell](#) [Disease Susceptibility](#)
[Genetic Predisposition to Disease](#) [Head and Neck Neoplasms](#) [Kidney Failure, Chronic](#)
[Laryngeal Neoplasms](#) [Leiomyomatosis](#) [Lung Neoplasms](#) [Mouth Neoplasms](#) [Neoplasms](#)
[Pancreatic Neoplasms](#) [Pharyngeal Neoplasms](#) [Precancerous Conditions](#)
[Pulmonary Disease, Chronic Obstructive](#) [Urinary Bladder Neoplasms](#) [Uterine Neoplasms](#)