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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP11A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001583-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

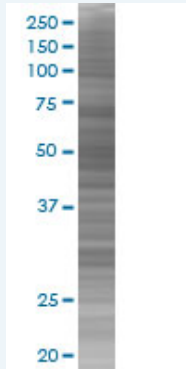
Plasmid: pCMV-CYP11A1 full-length

Host: Human

Theoretical MW (kDa): 60.1

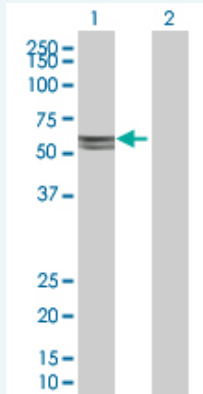
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CYP11A1 antibody (H00001583-B01) by Western Blots.

SDS-PAGE Gel



CYP11A1 transfected lysate.

Western Blot



Lane 1: CYP11A1 transfected lysate (60.1 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: [1583](#)

GeneBank [BC032329.1](#)
Accession#:

Protein =
Accession#:

Gene Name: CYP11A1

Gene Alias: CYP11A,P450SCC

Gene Description: cytochrome P450, family 11, subfamily A, polypeptide 1

Omim ID: [118485](#), [201710](#)

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 mitochondrial inner membrane and catalyzes the conversion of cholesterol to pregnenolone, the first and rate-limiting step in the synthesis of the steroid hormones. Two transcript variants encoding different isoforms have been found for this gene. The cellular location of the smaller isoform is unclear since it lacks the mitochondrial-targeting transit peptide. [provided by RefSeq]

Other Designations: cholesterol 20-22 desmolase,cholesterol monooxygenase (side-chain cleaving),cytochrome P450, subfamily XIa,cytochrome P450, subfamily XIa (cholesterol side chain cleavage),cytochrome P450C11A1,steroid 20-22-lyase

Gene Pathway

[C21-Steroid hormone metabolism](#) [Metabolic pathways](#)

Related Disease

[Adenocarcinoma](#) [Asperger Syndrome](#) [Autistic Disorder](#) [Breast cancer](#) [Breast Neoplasms](#) [Breast Neoplasms, Male](#) [Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Squamous Cell](#) [Celiac Disease](#) [Colorectal Neoplasms](#) [Disease Progression](#) [Ductus Arteriosus, Patent](#) [Endometrial Neoplasms](#) [Fibrocystic Breast Disease](#) [Genetic Predisposition to Disease](#) [Genital Neoplasms, Male](#) [Hyperandrogenism](#) [Hypertension Infant, Premature, Diseases](#)

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