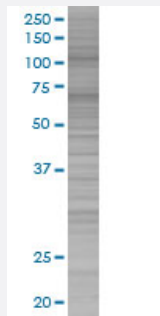


AHR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000196-T01

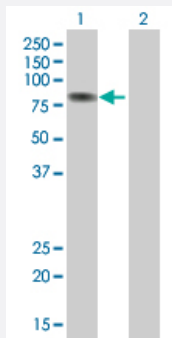
Size 100 uL

Applications



SDS-PAGE Gel

AHR transfected lysate.



Western Blot

Lane 1: AHR transfected lysate (96.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AHR full-length
Host	Human
Theoretical MW (kDa)	96.1
Interspecies Antigen Sequence	Mouse (72)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-AHR antibody ([H00000196-B01](#)) by Western Blots.
 SDS-PAGE Gel
 AHR transfected lysate.
 Western Blot
 Lane 1: AHR transfected lysate (96.1 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.

Applications

- Western Blot

Gene Info — AHR

Entrez GeneID

[196](#)

GeneBank Accession#

[NM_001621.3](#)

Protein Accession#

-

Gene Name

AHR

Gene Alias

bHLHe76

Gene Description

aryl hydrocarbon receptor

Omim ID

[600253](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq]

Other Designations

AH-receptor|aromatic hydrocarbon receptor

Disease

- [Abnormalities](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infertility](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)

- [Micronuclei](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)