

# Anti AHR Antibody

Catalog No: tcsa16076



## Available Sizes

**Size:** 100μl



## Specifications

**Application:**

WB, IHC

**Species Reactivity:**

Human, Mouse, Rat

**Host Species:**

Rabbit

**Immunogen / Amino acids:**

Recombinant protein of human AHR

**Conjugation:**

Unconjugated

**Clonality:**

Polyclonal

**Isotype:**

IgG

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Recommended Dilution:**

WB 1:200 - 1:2000

IHC 1:50 - 1:200

### Storage Instruction:

Store at -20C. Avoid freeze / thaw cycles.

### Alternative Names:

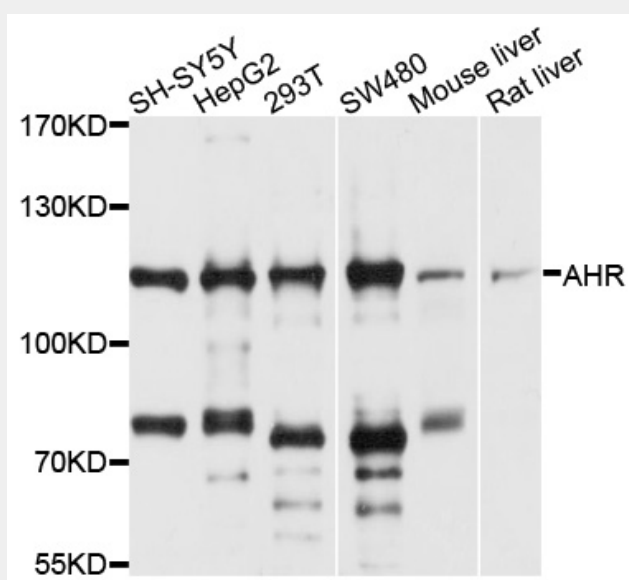
AHR antibody; Aryl hydrocarbon receptor antibody; Ah receptor antibody; AhR antibody; Class E basic helix-loop-helix protein 76 antibody; bHLHe76 antibody; AHR antibody; BHLHE76 antibody

### SwissProt:

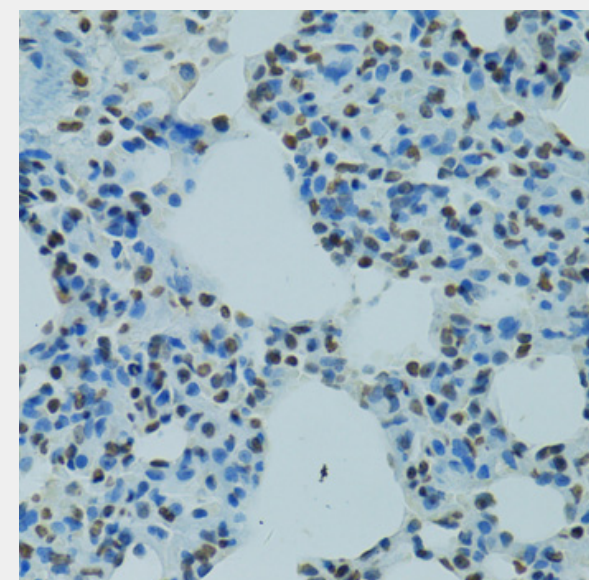
P35869

## Product Description

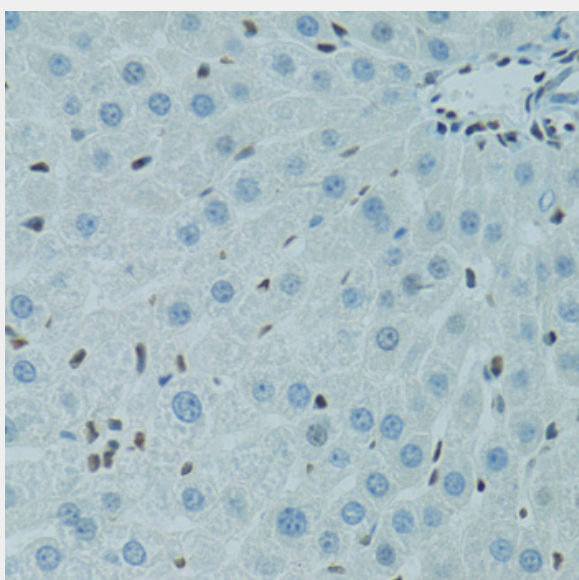
The protein encoded by this gene is a ligand-activated helix-loop-helix transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Before ligand binding, the encoded protein is sequestered in the cytoplasm; upon ligand binding, this protein moves to the nucleus and stimulates transcription of target genes.



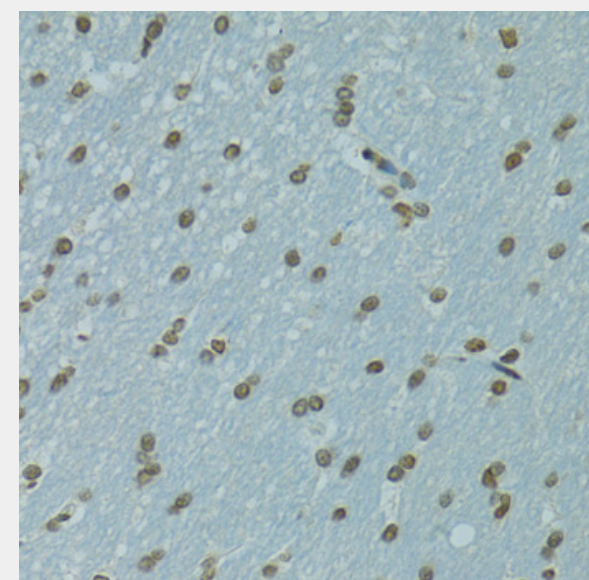
Western blot analysis of extracts of various cell lines, using AHR antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



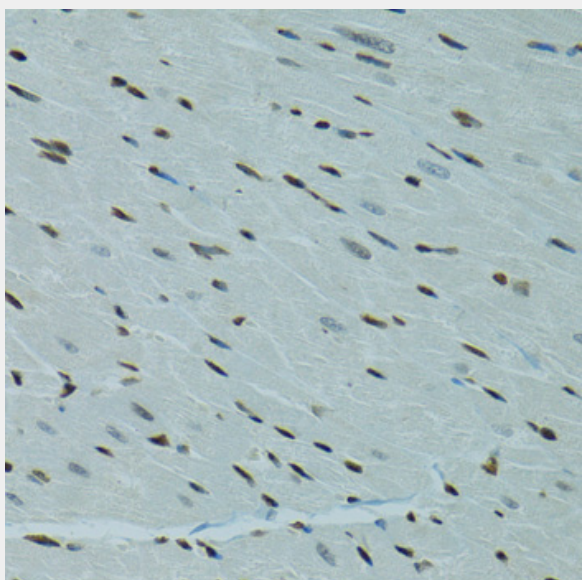
Immunohistochemistry of paraffin-embedded rat lung using AHR antibody at dilution of 1:100 (40x lens).



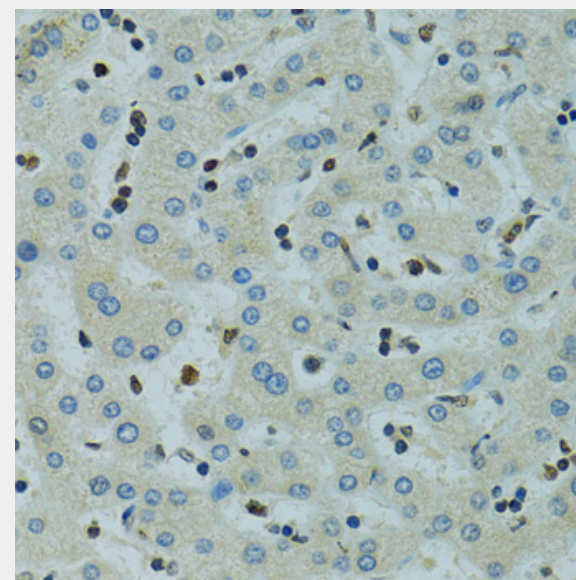
Immunohistochemistry of paraffin-embedded rat liver using AHR antibody at dilution of 1:100 (40x lens).



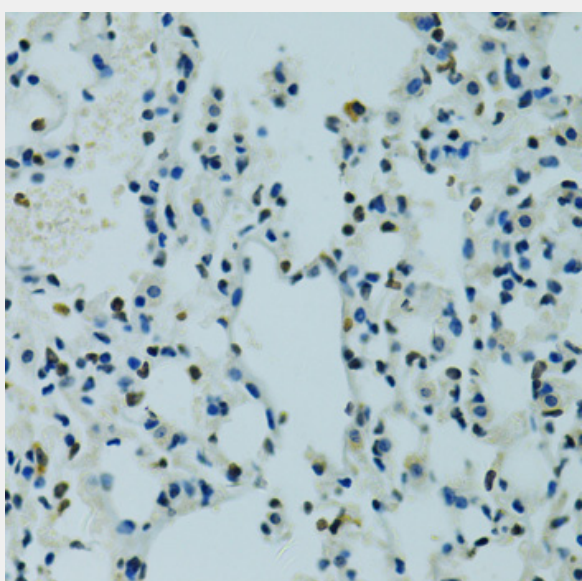
Immunohistochemistry of paraffin-embedded rat brain using AHR antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using AHR antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver using AHR antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using AHR antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!