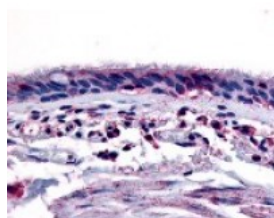




## Ah Receptor Antibody

CATALOG NUMBER: 48-199



Immunohistochemistry staining of Ah receptor in respiratory epithelium and bronchial smooth muscle tissue using Ah receptor Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	IHC
<b>APPLICATIONS:</b>	Ah Receptor antibody can be used in ELISA, Western Blot, immunohistochemistry starting at 1:100, and flow cytometry.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>IMMUNOGEN:</b>	Ah Receptor antibody was raised against a peptide located near the internal domain of Ah Receptor (Human).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Immunoaffinity Chromatography
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS, 0.1% sodium azide.
<b>STORAGE CONDITIONS:</b>	Ah Receptor antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	AHR, Ah receptor, AH-receptor, Aryl hydrocarbon receptor, BHLHe76, Aromatic hydrocarbon receptor
<b>ACCESSION NO.:</b>	P35869
<b>PROTEIN GI NO.:</b>	3041653
<b>OFFICIAL SYMBOL:</b>	AHR
<b>GENE ID:</b>	196

## Background

**BACKGROUND:** Aryl hydrocarbon receptor is a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. AHR has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450.

---

**FOR RESEARCH USE ONLY**

December 13, 2016