

## AHR

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:2000

**Calculated MW:**96kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human AHR

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bk

**Synonym:**

HLHe76

**Catalog #:**A1451

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**196

**Isotype:**IgG

**Swiss Prot:**P35869

**Purity:**Affinity purification

For research use only.

**Background:**

The aryl hydrocarbon receptor (AhR) is a ligand-activated transcription factor that has been largely regarded as a mediator of xenobiotic metabolism [PMID:18483242]. It plays a part role in physiologic activities, including attenuation of the acute phase response, cytokine signaling, T helper (TH)17 immune cell differentiation, modulation of NF-B activity, and regulation of hormonal signaling [PMID:20423157,18540824]. It also mediates transcription factor sequestering away from a gene promoter or tethering of the AhR to a transcription factor on a promoter.

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