

AHR

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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