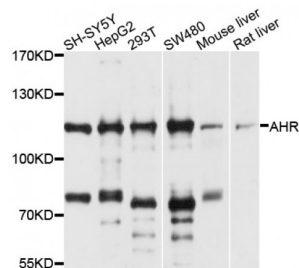


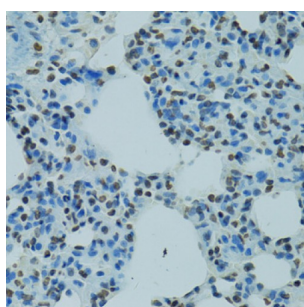
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Aryl Hydrocarbon Receptor (AHR) Antibody

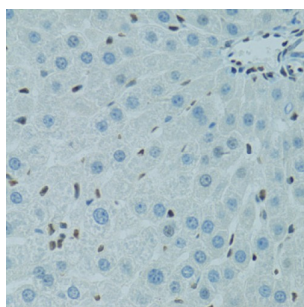
Catalogue No.: abx001244



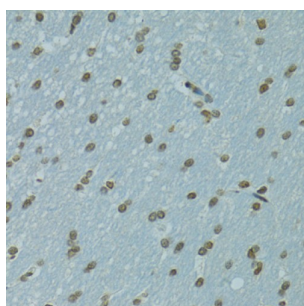
Western blot analysis of extracts of various cell lines, using AHR antibody (abx001244) at 1/1000 dilution.



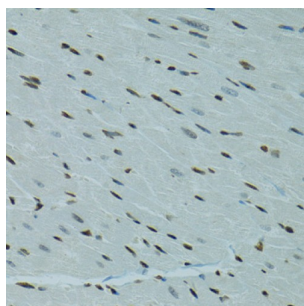
Immunohistochemistry of paraffin-embedded rat lung using AHR antibody (abx001244) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded rat liver using AHR antibody (abx001244) at dilution of 1/100 (40x lens).

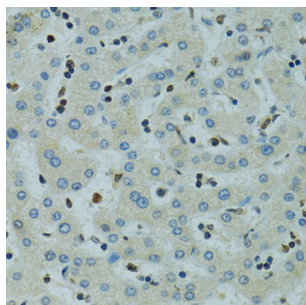


Immunohistochemistry of paraffin-embedded rat brain using AHR antibody (abx001244) at dilution of 1/100 (40x lens).

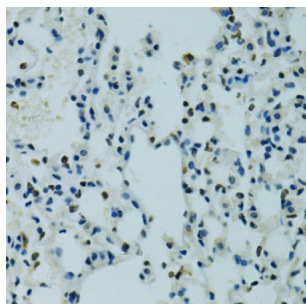


Immunohistochemistry of paraffin-embedded rat heart using AHR antibody (abx001244) at dilution of 1/100 (40x lens).

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Immunohistochemistry of paraffin-embedded human liver using AHR antibody (abx001244) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using AHR antibody (abx001244) at dilution of 1/100 (40x lens).

AHR Antibody is a Rabbit Polyclonal antibody against AHR. 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-κB 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.

Target: AHR

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/200 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human AHR.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

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Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 96 kDa Observed MW: 115 kDa
Swiss Prot:	P35869
GeneID:	196
Gene Symbol:	AHR
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.