



# AHR rabbit pAb

Cat No.:ES18432

For research use only

## Overview

<b>Product Name</b>	AHR rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; IF
<b>Species Cross-Reactivity</b>	Human; Mouse;Rat;Fish
<b>Recommended dilutions</b>	WB 1:500-2000; IF/ICC 1:100-500
<b>Immunogen</b>	Synthesized peptide derived from human AHR AA range: 408-458
<b>Specificity</b>	This antibody detects endogenous levels of AHR at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	AHR
<b>Gene Name</b>	AHR BHLHE76
<b>Cellular localization</b>	Cytoplasm . Nucleus . Initially cytoplasmic; upon binding with ligand and interaction with a HSP90, it translocates to the nucleus. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	196
<b>Human Swiss-Prot Number</b>	P35869
<b>Alternative Names</b>	
<b>Background</b>	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. [provided by RefSeq, Sep 2015],

Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night

