

AHR rabbit pAb

Cat No.:ES18432

For research use only

Overview

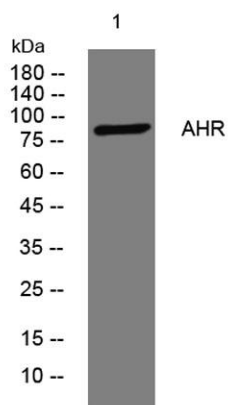
Product Name	AHR rabbit pAb
Host species	Rabbit
Applications	WB; IF
Species Cross-Reactivity	Human; Mouse;Rat;Fish
Recommended dilutions	WB 1:500-2000; IF/ICC 1:100-500
Immunogen	Synthesized peptide derived from human AHR AA range: 408-458
Specificity	This antibody detects endogenous levels of AHR at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





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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



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