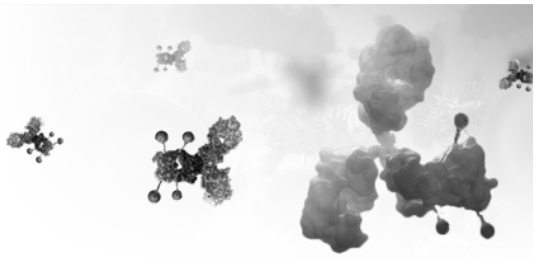

Rabbit Anti-Human AhR Polyclonal Antibody (CABT-L2132)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Aryl Hydrocarbon Receptor (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against AhR. It has been selected for its ability to recognize AhR in immunohistochemical staining and western blotting.
Target	AhR
Immunogen	Recombinant fragment corresponding to human AHR (Val128~Asn399)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a ligand-activated 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. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq, Jul 2008]
Keywords	BHLHE76;Class E basic helix-loop-helix protein 76

GENE INFORMATION

Gene Name	AHR aryl hydrocarbon receptor [Homo sapiens (human)]
Official Symbol	AHR
Synonyms	AHR; aryl hydrocarbon receptor; bHLHe76; AH-receptor; ah receptor; aromatic hydrocarbon receptor; class E basic helix-loop-helix protein 76;
Entrez Gene ID	196
Protein Refseq	NP_001612
UniProt ID	A0A024R9Z8
Chromosome Location	7p15
Pathway	Adipogenesis; AhR pathway; Integrated Breast Cancer Pathway;
Function	DNA binding; E-box binding; Hsp90 protein binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; enhancer binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; protein dimerization activity; protein heterodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity; transcription factor binding; transcription regulatory region DNA binding;

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