

Datasheet for ABIN651724

anti-Aryl Hydrocarbon Receptor antibody (AA 555-582)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Aryl Hydrocarbon Receptor (AHR)
Binding Specificity:	AA 555-582
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aryl Hydrocarbon Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AHR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 555-582 amino acids from the Central region of human AHR.
Clone:	RB21352
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Aryl Hydrocarbon Receptor (AHR)
Alternative Name:	AHR (AHR Products)
Background:	AHR is a ligand-activated transcription factor involved in the regulation of biological responses

Target Details

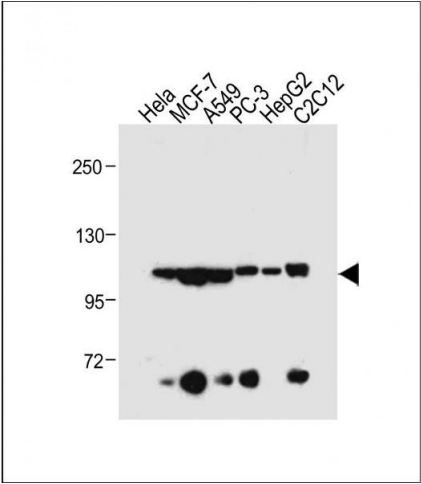
	to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq].
Molecular Weight:	96147
Gene ID:	196
NCBI Accession:	NP_001612
UniProt:	P35869
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	WB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. All lanes : Anti-AHR Antibody (Center) at 1:500 dilution Lane 1: HeLa whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: A549 whole cell lysate Lane 4: PC-3 whole cell lysate Lane 5: HepG2 whole cell lysate Lane 6: C2C12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 96 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.