

Datasheet for ABIN2777386

anti-Aryl Hydrocarbon Receptor antibody (N-Term)

5 Images

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Overview

Quantity:	100 µL
Target:	Aryl Hydrocarbon Receptor (AHR)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aryl Hydrocarbon Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human AHR
Sequence:	MNSSSANITY ASRKRRKPVQ KTVKPIPAEG IKSNP SKRHR DRLNTELDRL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against AHR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Aryl Hydrocarbon Receptor (AHR)
Alternative Name:	AHR (AHR Products)

Target Details

Background:	<p>Aryl hydrocarbon receptor (AHR) is a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. AHR has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. AHR ligands included a variety of aromatic hydrocarbons.</p> <p>Alias Symbols: bHLHe76</p> <p>Protein Interaction Partner: GNA13, UBC, NFE2L2, MAF, RB1, EP300, ARNT, NCOA2, NCOA1, TBP, TAF9, TAF6, TAF4, NCOA7, NCOR2, BRCA1, IVNS1ABP, AIP, STUB1, AHR, FOXA1, SUMO2, DDB1, CTNNB1, TAF7, PTGES3, SMARCA4, NEDD8, XPO1, ARNTL, CCNT1, NRIP1, DAP3, AR, CUL4B, GTF2F2, RELA, HSP90AA1, E</p> <p>Protein Size: 848</p>
Molecular Weight:	96 kDa
Gene ID:	196
NCBI Accession:	NM_001621 , NP_001612
UniProt:	P35869
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 848 AA
Restrictions:	For Research Use only

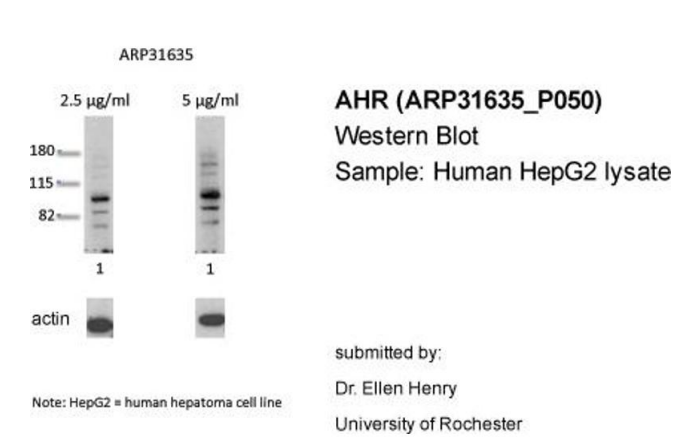
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

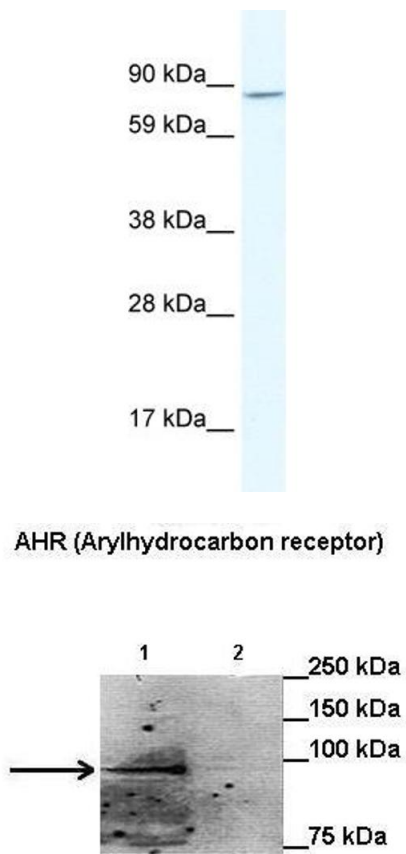
Image 1.

Western Blotting

Image 2. WB Suggested Anti-AHR Antibody Titration: 2.5ug/ml ELISA Titer: 1:12500 Positive Control: Human Placenta

Western Blotting

Image 3. Lanes: Lane1: 50 ug HepG2 nuclei extract + benzo[a]pyrene Lane2: 50 ug HepG2 cytoplasm extract + benzo[a]pyrene Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:1000 Gene Name: AHR (Arylhydrocarbon receptor) Submitted by: Anonymous



See Immunoblot 3 Data and Customer Feedback for more information

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2777386.