

Rabbit AHR Polyclonal Antibody | anti-AHR antibody

AHR antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197200	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot

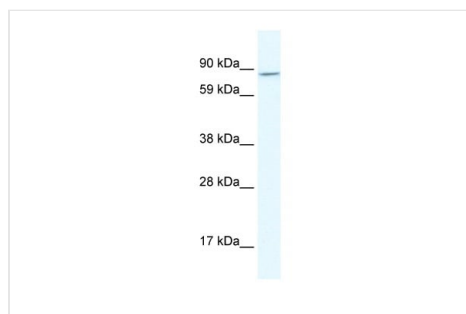
PRODUCT SYNONYMS

AHR; Polyclonal Antibody; AHR antibody - N-terminal region; anti-AHR antibody

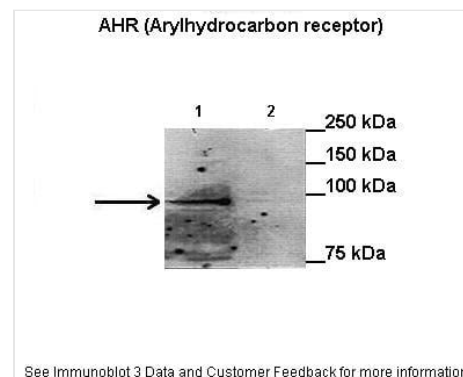
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MN SSSANITYAS RKRRKPVQKT VKPIPAEGIK SNPSKRHRDR LNTLDRL
Sequence Length	848
Applicable Applications for anti-AHR antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human AHR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

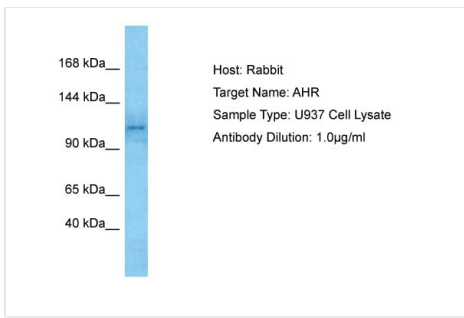


WB (Western Blot)

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


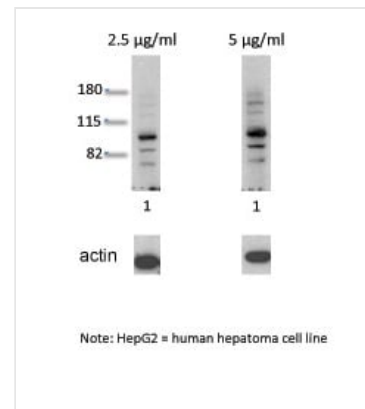
WB (Western Blot)

Lanes: Lane1: 50 ug HepG2 nuclei extract + benzo[a]pyrene
Lane2: 50 ug HepG2 cytoplasmic 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



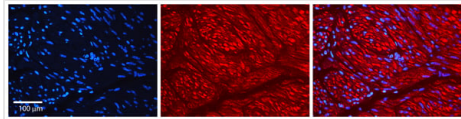
WB (Western Blot)

Host: Rabbit Target Name: AHR Sample Tissue: Human U937 Whole Cell Antibody Dilution: 1 µg/ml



WB (Western Blot)

Sample Type: Human HepG2 AHR antibody - N-terminal region validated by WB using Human HepG2 Lysate at 2.5 µg/ml, 5 µg/ml.



IHC (Immunohistochemistry)

Rabbit Anti-AHR Antibody Formalin Fixed Paraffin Embedded Tissue: Human Urinary Bladder Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-AHR antibody	This is a rabbit polyclonal antibody against AHR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-AHR antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cell Cycle Proteins; Transcription Regulation; Drugs and Drug Metabolism; Receptors; Transcription Factors; Cell Morphogenesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502003
NCBI GeneID	196
NCBI Accession #	NP_001612
NCBI GenBank Nucleotide #	NM_001621
UniProt Accession #	P35869
Molecular Weight	96kDa
NCBI Official Full Name	aryl hydrocarbon receptor
NCBI Official Synonym Full Names	aryl hydrocarbon receptor
NCBI Official Symbol	AHR
NCBI Official Synonym Symbols	bHLHe76
NCBI Protein Information	aryl hydrocarbon receptor
UniProt Protein Name	Aryl hydrocarbon receptor

UniProt Gene Name	AHR
UniProt Synonym Gene Names	BHLHE76; Ah receptor; AhR; bHLHe76
UniProt Entry Name	AHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ahr-antibody-western-blot-elisa/197200>