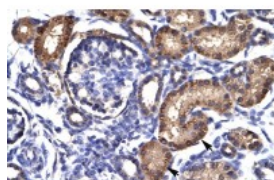




AHR Antibody

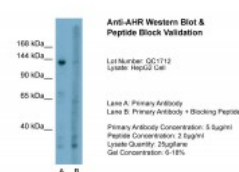
CATALOG NUMBER: 27-527



Antibody used in IHC on Human kidney.



Antibody used in WB on Human HepG2 at 2.5 ug/ml.



Antibody used in WB on HepG2 at 5.0 ug/ml (Lane A: Primary Antibody and Lane B: Primary Antibody + Blocking Peptide).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	AHR antibody can be used for detection of AHR by ELISA at 1:312500. AHR antibody can be used for detection of AHR by western blot at 2.5 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1211 - HepG2 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	96 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human AHR.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by protein A chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 100 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4°C. For longer periods of storage, store AHR antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	AHR, bHLHe76
ACCESSION NO.:	NP_001612

PROTEIN GI NO.: 4502003

OFFICIAL SYMBOL: AHR

GENE ID: 196

Background

BACKGROUND: AHR is 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.

REFERENCES: 1) Schwabe, J.W., et al., (2006) Cell. Signal. 18 (5), 740-750.

FOR RESEARCH USE ONLY

December 12, 2016