

Product datasheet for **TA329363**

Aryl hydrocarbon Receptor (AHR) Rabbit Polyclonal Antibody

Product data:

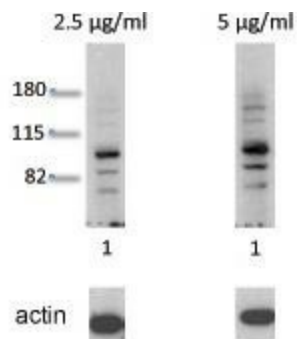
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AHR antibody: synthetic peptide directed towards the N terminal of human AHR. Synthetic peptide located within the following region: MNSSSANITYASRKRKPVQKTKPIAEGIKSNPSKRHRDRLNTELDRL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	96 kDa
Gene Name:	aryl hydrocarbon receptor
Database Link:	NP_001612 Entrez Gene 196 Human P35869
Background:	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.
Synonyms:	bHLHe76
Note:	Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 93%



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Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:



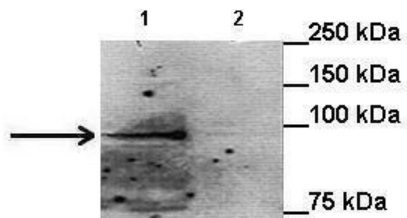
AHR antibody - N-terminal region validated by WB using Human HepG2 Lysate at 2.5ug/ml, 5ug/ml.

Note: HepG2 = human hepatoma cell line



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

AHR (Arylhydrocarbon receptor)



Lanes: Lane 1: 50 ug HepG2 nuclei extract + benzo[a]pyrene; Lane 2: 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