

Rabbit anti-Human, Mouse Aryl Hydrocarbon Receptor (AhR) Polyclonal Antibody | anti-AhR antibody

Polyclonal Antibody to Aryl Hydrocarbon Receptor (AhR)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133795	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

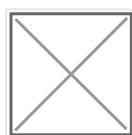
PRODUCT SYNONYMS

Aryl Hydrocarbon Receptor (AhR); Polyclonal Antibody; Polyclonal Antibody to Aryl Hydrocarbon Receptor (AhR); anti-AhR antibody

PRODUCT SPECIFICATIONS

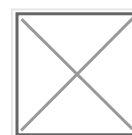
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against AhR. It has been selected for its ability to recognize AhR in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH 7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.47mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-VVTTDALV FYASSTIQDY LGFQQSDVIH QSVYELIHE DRAEFQRQLH WALNPSQCTE SGQGIEEATG LPQTVVCYNP DQIPPENSPL MERCFICRLR CLLDNSSGFL AMNFQGLKY LHGQKKKGKD GSILPPQLAL FAIATPLQPP SILEIRTKNF IFRTKHKLDF TPIGCDAGR IVLGYTEAEL CTRGSGYQFI HAADMLYCAE SHIRMIKTGE SGMIVFRLLT KNNRWTWVQS NARLLYKNGR PDYIIVTQRP LTDEEGTEHL RKRN
Applicable Applications for anti-AhR antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant AhR (Val128-Asn399) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugation	No Conjugate
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type MCF7 cell lysate; Lane 2: AhR knockout MCF7 cell lysate; Predicted MW: 96kd Observed MW: 95kd Primary Ab: 4ug/ml Rabbit Anti-Human AhR Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P. Samples: Human Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant AhR, Human.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Human MCF-7 Cells; Lane2: Human HEK293 Cells; Lane3: Mouse 3T3 Cells; Lane4: Mouse Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AhR antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502003
NCBI GeneID	196
NCBI Accession #	NP_001612.1
NCBI GenBank Nucleotide #	NM_001621.4
UniProt Accession #	P35869; Q13728; Q13803; Q13804; A4D130
Molecular Weight	96,147 Da
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

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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