

Rabbit anti-Human AHR Monoclonal Antibody | anti-AHR antibody

AHR Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28551	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

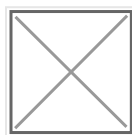
PRODUCT SYNONYMS

AHR; Monoclonal Antibody; AHR Rabbit PolymAb; RP85; bHLHe76; anti-AHR antibody

PRODUCT SPECIFICATIONS

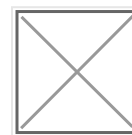
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LEQQQQHHQK QVVVEPQQQL CQKMKHMQVN GMFENWNSNQ FVPFNCPQQD PQQYNVFTDL HGISQEFPPYK SEMDSMPYTQ NFISCNPVL PQHSCTELD YPMGSFEPSP YPTTSSLEDF VTCLQLPENQ KHGLNPQSAI ITPQTCYAGA VSMYQCQPEP QHTHVGQMZY NPVLPQQAF LNKFNQNGVLN ETYPaelnni nntqTTTHLQ PLHHPSEARP FPDLTSSGFL
Applicable Applications for anti-AHR antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:2000-1:10000 IHC-P: 1:100-1:500 IF/ICC: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 619-848 of human AHR Rabbit PolymAb (NP_001612.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells using AHR Rabbit PolymAb® (AAA28551) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

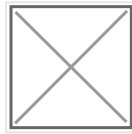
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using AHR Rabbit PolymAb® (AAA28551) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

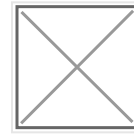
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using AHR Rabbit PolymAb® (AAA28551) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human fallopian tube tissue using AHR Rabbit PolymAb® (AAA28551) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human thyroid tissue using AHR Rabbit PolymAb® (AAA28551) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using AHR Rabbit PolymAb® (AAA28551) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-AHR antibody	The protein encoded by this gene is a ligand-activated helix-loop-helix 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. Before ligand binding, the encoded protein is sequestered in the cytoplasm; upon ligand binding, this protein moves to the nucleus and stimulates transcription of target genes.
Product Categories/Family for anti-AHR antibody	Epigenetics Nuclear Signaling ; Transcription Factors ; Cell Biology Developmental Biology ; Apoptosis ; Antibodies

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	Calculated MW: 96kDa Observed MW: 105kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ahr-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28551>