

## Rabbit AHR Polyclonal Antibody | anti-AHR antibody

AHR Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA166963</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

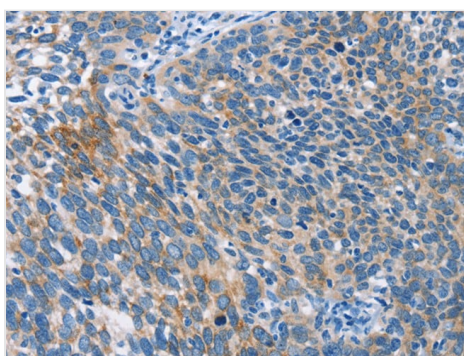
### PRODUCT SYNONYMS

AHR; Polyclonal Antibody; AHR Polyclonal Antibody; bHLHe76; anti-AHR antibody

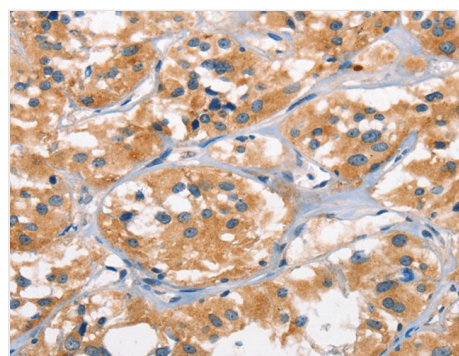
### PRODUCT SPECIFICATIONS

|                                               |                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                    |
| Reactivity                                    | Human, Mouse, Rat                                                                         |
| Clonality                                     | Polyclonal                                                                                |
| Isotype                                       | IgG                                                                                       |
| Purity/Purification                           | Antigen affinity purification                                                             |
| Concentration                                 | 2.2mg/mL (varies by lot)                                                                  |
| Sequence Length                               | 848                                                                                       |
| Applicable Applications for anti-AHR antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                     | Synthetic peptide of human AHR                                                            |
| Buffer                                        | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                       | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using AHR Polyclonal Antibody at dilution 1:50


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using AHR Polyclonal Antibody at dilution 1:50

### ADDITIONAL INFORMATION

#### Related Product Information for anti-AHR antibody

This gene encodes 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.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 3041653                                                                                                                       |
| NCBI GeneID                      | 196                                                                                                                           |
| 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; AH-receptor; ah receptor; aromatic hydrocarbon receptor; class E basic helix-loop-helix protein 76 |
| UniProt Protein Name             | Aryl hydrocarbon receptor                                                                                                     |
| UniProt Gene Name                | <b>AHR</b>                                                                                                                    |
| 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-immunohistochemistry-elisa/166963>