



Anti-AHR (aa 126-353) polyclonal antibody (DPABH-03836)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|--|
| Antigen Description | Ligand-activated transcriptional activator. Binds to the XRE promoter region of genes it activates. Activates the expression of multiple phase I and II xenobiotic chemical metabolizing enzyme genes (such as the CYP1A1 gene). Mediates biochemical and toxic effects of halogenated aromatic hydrocarbons. Involved in cell-cycle regulation. Likely to play an important role in the development and maturation of many tissues. |
| Immunogen | Recombinant fragment, corresponding to a region within amino acids 126-353 of Human Aryl hydrocarbon Receptor. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | ICC/IF, WB, IHC-P |
| Format | Liquid |
| Size | 100 µl |
| Buffer | pH: 7.00; Constituents: 0.75% Glycine, 1.21% Tris, 20% Glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

| | |
|-----------------|--|
| Gene Name | AHR aryl hydrocarbon receptor [Homo sapiens] |
| Official Symbol | AHR |
| Synonyms | AHR; aryl hydrocarbon receptor; bHLHe76; AH-receptor; ah receptor; aromatic hydrocarbon receptor; class E basic helix-loop-helix protein 76; |
| Entrez Gene ID | 196 |
| Protein Refseq | NP_001612.1 |
| UniProt ID | A0A024R9Z8 |
| Pathway | Adipogenesis; Integrated Breast Cancer Pathway; |
| Function | DNA binding; DNA binding; Hsp90 protein binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity |