

Ah receptor Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251917

Unit: 0.1 mg

Description:

Aryl hydrocarbon receptor (Ah receptor) is a ligand activated transcriptional activator. Ah receptor binds to the XRE promoter region of genes it activates. Ah receptor activates the expression of multiple phase I and II xenobiotic chemical metabolizing enzyme genes (such as the CYP1A1 gene). Ah receptor mediates biochemical and toxic effects of halogenated aromatic hydrocarbons, and is involved in cell-cycle regulation.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

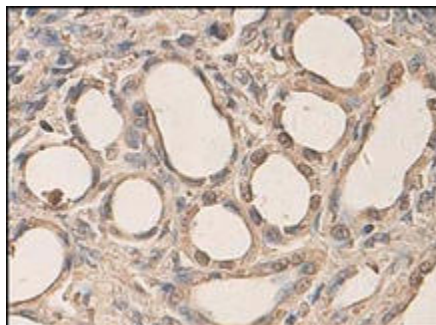
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Aryl hydrocarbon receptor; Ah receptor; AhR; Class E basic-loop-helix protein 76; bHLHe76; AHR; BHLHE76

Accession No.: P35869

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Ah receptor.

Application Notes: E: 1:10,000-1:50,000; WB: 1:200-1:500; IHC: 1:100-1:500



Ah receptor staining in human kidney. Paraffin-embedded human kidney is stained with Ah receptor Antibody (Cat. No. 251917) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.