

Phospho-Ah Receptor (S36) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-PHS00713

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human AhR around the

phosphorylation site of Ser36. AA range:2-51

Mol wt 96147/76239

Species reactivity Human, mouse, rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Phospho-Ah Receptor (S36) Antibody

Synonyms AHR; BHLHE76; Aryl hydrocarbon receptor; Ah receptor; AhR; Class E basic helix-loop-helix protein 76;

 $bHLHe76; AHRR; BHLHE77; KIAA1234; Aryl\ hydrocarbon\ receptor\ repressor; AhR\ repressor; AhRR;$

Class

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The aryl hydrocarbon receptor encoded by AHR 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.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year