



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11767 - Goat Anti-AHR (aa749-763) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ah receptor, AHR, AH-receptor, aromatic hydrocarbon receptor, aryl hydrocarbon receptor, bHLHe76, class E basic helix-loop-helix protein 76

**Official Symbol:** AHR

**Accession Number(s):** NP\_001612.1

**Human GeneID(s):** [196](#)

### Immunogen

Peptide with sequence C-KHGLNPQSAITPQT, from the internal region of the protein sequence according to NP\_001612.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 96.1kDa according to NP\_001612.1). Recommended concentration: 0.2-0.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB11767 (0.2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.