

AHR Rabbit Polyclonal Antibody



CAB1451

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

115kDa

Calculated MW:

96kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

The protein encoded by this gene 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.

Immunogen information

Gene ID:

196

Uniprot

P35869

Synonyms:

AHR; bHLHe76

Antibody Information

Recommended dilutions:

WB 1:200 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

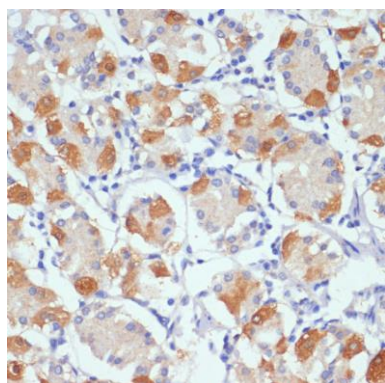
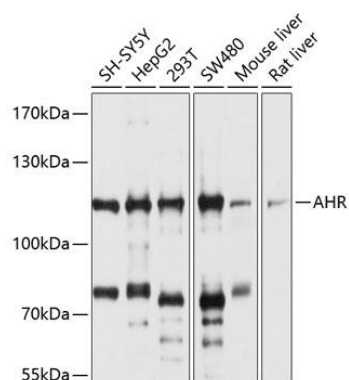
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 619-848 of human AHR (NP_001612.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using AHR antibody (CAB1451) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.

Immunohistochemistry of paraffin-embedded human stomach using AHR antibody (CAB1451) at dilution of 1:100 (40x lens).