

AHR Rabbit PolymAb®

Catalog No.: A22464

Basic Information

Observed MW

105kDa

Calculated MW

96kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB	1:2000 - 1:10000
IHC-P	1:2000 - 1:800
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

196

Swiss Prot

P35869

Immunogen

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

Synonyms

RP85; bHLHe76

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.