



Ah Receptor (AHR). Rabbit Antigen Immunoaffinity Purified Polyclonal
AHR; Aryl Hydrocarbon Receptor

BACKGROUND

Ligand-activated transcriptional activator. Binds to the XRE promoter region of genes it activates. Activates the expression of multiple phase I and II xenobiotic chemical metabolizing enzyme genes (such as the CYP1A1 gene). Mediates biochemical and toxic effects of halogenated aromatic hydrocarbons. Involved in cell-cycle regulation. Likely to play an important role in the development and maturation of many tissues.

ORDERING INFORMATION

CATALOG NUMBER
X2253P

SIZE

50 μ g

FORM

Affinity Purified

HOST/CLONE

Rabbit

FORMULATION

Phosphate buffered saline containing 0.1% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Immunohistochemistry

SPECIES REACTIVITY

Human

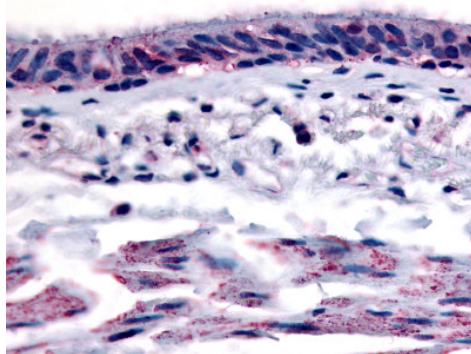
ACCESSION NUMBER

Human P35869

IMMUNOGEN

C-terminal region of human

AHR staining of formalin fixed paraffin embedded respiratory epithelium and bronchial smooth muscle tissue at a dilution of 17 μ g/ml. Antigen retrieval using a citrate buffer and steam/heat was utilized.



POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Antibody can be used for immunohistochemistry on formalin-fixed, paraffin-embedded tissues (17 µg/ml). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Immunoaffinity Purification

SHIP CONDITIONS

Ship on gel ice, store at -70°C immediately upon arrival

STORAGE CUSTOMER

Product should be stored at -70°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

PRODUCT SPECIFIC REFERENCES