

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
X2251P

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

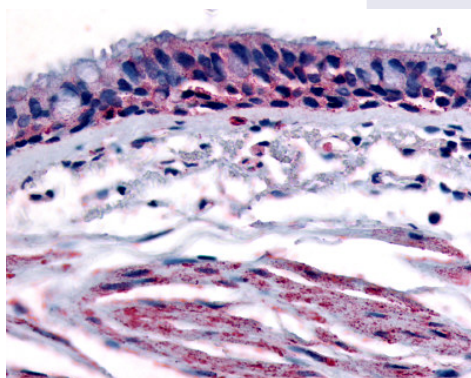
ACCESSION NUMBER

Human P35869

IMMUNOGEN

internal domain of human

AHR staining of formalin fixed paraffin embedded respiratory epithelium and bronchial smooth muscle tissue at a dilution of 13 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 (10-15 $\mu\text{g/ml}$). 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