Exalpha biologicals INC

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 μg

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

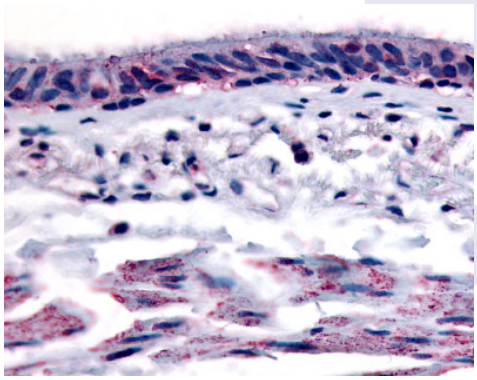
Accession Number

Human	P35869

Immunogen

C-terminal region of human

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



For research use only. Not for use in human diagnostics or therapeutics.

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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 -70ºC immediately upon arrival

Storage Customer

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

Stability

Products are stable for one year from purchase when stored properly

References

Product Specific References

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