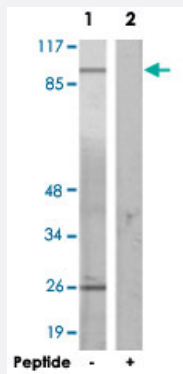


AHR polyclonal antibody

Catalog # PAB18068 Size 100 ug

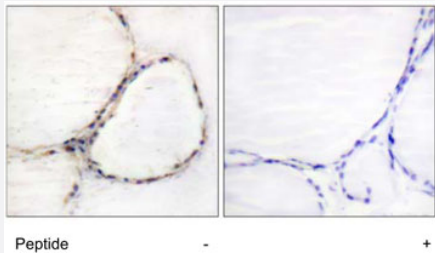
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using AHR polyclonal antibody (Cat # PAB18068).

Peptide "+" means "with peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human thyroid gland tissue using AHR polyclonal antibody (Cat # PAB18068).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AHR.
Immunogen	A synthetic peptide corresponding to residues surrounding S36 of human AHR.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to AHR.
Form	Liquid

Recommend Usage	Western Blot (1:500~1:1000) Immunohistochemistry (1:50~1:100) Immunofluorescence (1:100~1:500) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using AHR polyclonal antibody (Cat # PAB18068).
Peptide "+" means "with peptide blocking".

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Immunohistochemistry analysis of paraffin-embedded human thyroid gland tissue using AHR polyclonal antibody (Cat # PAB18068).
Peptide "+" means "with peptide blocking".

- Immunohistochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AHR

Entrez GeneID	196
Protein Accession#	P35869
Gene Name	AHR
Gene Alias	bHLHe76
Gene Description	aryl hydrocarbon receptor
Omim ID	600253

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a ligand-activated 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. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq]

Other Designations

AH-receptor|aromatic hydrocarbon receptor

Publication Reference

- [The Prognostic Impact of the Aryl Hydrocarbon Receptor \(AhR\) in Primary Breast Cancer Depends on the Lymph Node Status.](#)

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Application: IHC-P, Human, Human breast cancer

- [The DNA sequence of human chromosome 7.](#)

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- [Cloning and expression of a human Ah receptor cDNA.](#)

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- [Abnormalities](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
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