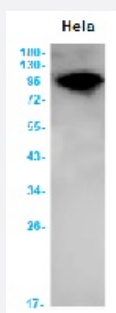


RecomAb™

AHR recombinant monoclonal antibody, clone R07-1H9

Catalog # RAB01587 Size 100 uL

Applications



Western Blot

Western blot analysis of Aryl hydrocarbon Receptor in HeLa lysates using human Aryl hydrocarbon Receptor recombinant monoclonal antibody, clone R07-1H9 (Cat # RAB01587).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Aryl hydrocarbon Receptor.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Aryl hydrocarbon Receptor
Theoretical MW (kDa)	Calculated MW: 96 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage 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

Western blot analysis of Aryl hydrocarbon Receptor in Hela lysates using human Aryl hydrocarbon Receptor recombinant monoclonal antibody, clone R07-1H9 (Cat # RAB01587).

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

Disease

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

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infertility](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Micronuclei](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)

- [Occupational Diseases](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)