

Datasheet for ABIN3030025

anti-Aryl Hydrocarbon Receptor antibody (AA 555-582)[Go to Product page](#)

7 Images

Overview

Quantity:	0.4 mL
Target:	Aryl Hydrocarbon Receptor (AHR)
Binding Specificity:	AA 555-582
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aryl Hydrocarbon Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 555-582 from the human protein was used as the immunogen for this AHR antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Aryl Hydrocarbon Receptor (AHR)
Alternative Name:	AHR (AHR Products)
Background:	AHR is a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-

Target Details

metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq].

UniProt: [P35869](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Titration of the AHR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

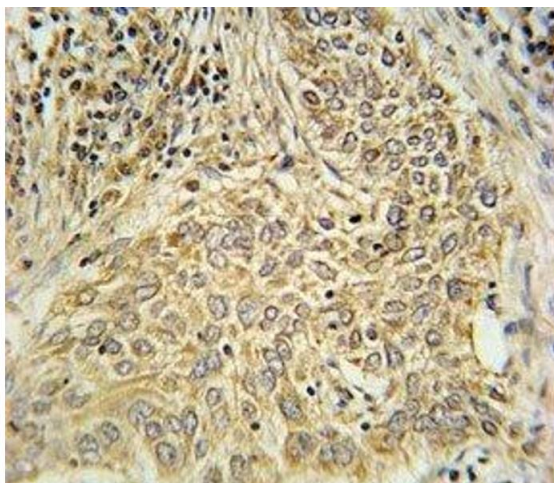
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

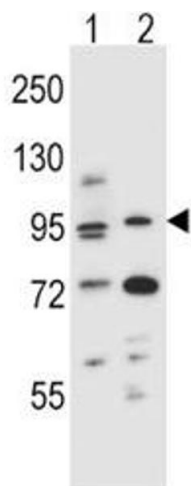
Storage Comment: Aliquot the AHR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



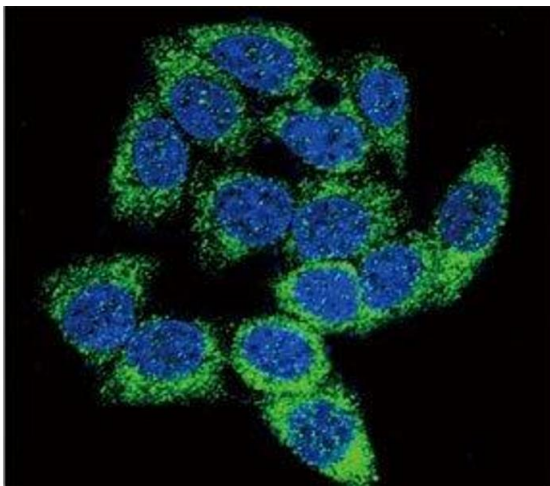
Immunohistochemistry

Image 1. AHR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma.



Western Blotting

Image 2. AHR antibody western blot analysis in (1) mouse NIH3T3 and (2) human T47D cell line lysate. Predicted molecular weight ~ 95kDa.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of AHR antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3030025.