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Datasheet for ABIN7433522

anti-Aryl Hydrocarbon Receptor antibody (AA 128-399)

2 Images

Overview

Quantity:	100 µL
Target:	Aryl Hydrocarbon Receptor (AHR)
Binding Specificity:	AA 128-399
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aryl Hydrocarbon Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aryl Hydrocarbon Receptor (AhR)
Immunogen:	Recombinant Aryl Hydrocarbon Receptor (AhR) corresponding to Val128~Asn399 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AhR. It has been selected for its ability to recognize AhR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

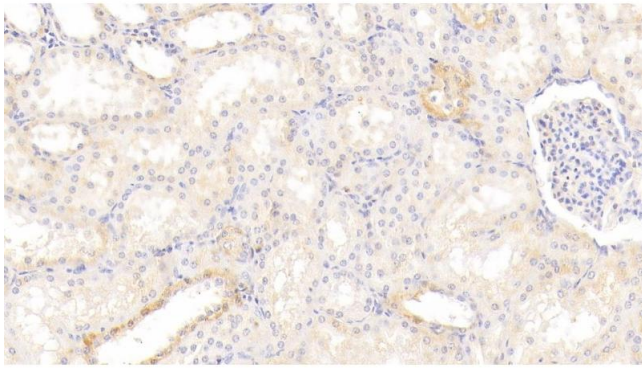
Target:	Aryl Hydrocarbon Receptor (AHR)
Alternative Name:	Aryl Hydrocarbon Receptor (AHR Products)
Background:	BHLHE76, Class E basic helix-loop-helix protein 76
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

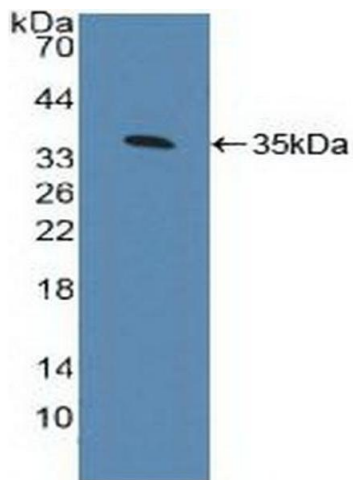
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of AhR in Human Kidney Tissue using Polyclonal Antibody to Aryl Hydrocarbon Receptor (AhR)



Western Blotting

Image 2. Detection of Recombinant AhR, Human using Polyclonal Antibody to Aryl Hydrocarbon Receptor (AhR)