



Datasheet for ABIN7441046 anti-ARNT antibody (AA 624-789)



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1 Image

Overview

Quantity:	100 µL
Target:	ARNT
Binding Specificity:	AA 624-789
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARNT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT)
Immunogen:	Recombinant Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT) corresponding to Gln624~Glu789
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ARNT. It has been selected for its ability to recognize ARNT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

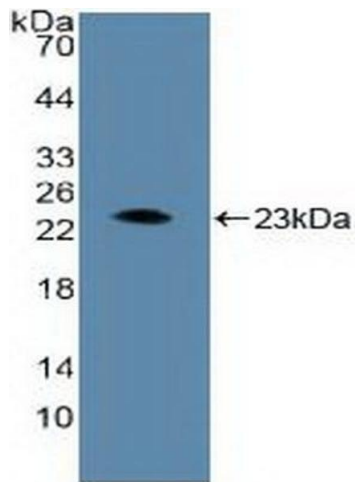
Target:	ARNT
Alternative Name:	Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT Products)
Background:	HIF-1beta, bHLHe2, Hypoxia Inducible Factor 1 Beta, Class E basic helix-loop-helix protein 2, Dioxin receptor, nuclear translocator, Hypoxia-inducible factor 1-beta
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Regulation of Carbohydrate Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:260-1000 Immunohistochemistry: 5-20 µg/mL 1:26-100 Immunocytochemistry: 5-20 µg/mL 1:26-100 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



Western Blotting

Image 1. Detection of Recombinant ARNT, Human using Polyclonal Antibody to Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT)