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Datasheet for ABIN6256911 anti-ARNT2 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	ARNT2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARNT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human ARNT2, corresponding to a region within N-terminal amino acids.
Isotype:	lgG
Specificity:	ARNT2 Antibody detects endogenous levels of total ARNT2.
Predicted Reactivity:	Pig,Zebrafish,Horse,Sheep,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:

ARNT2

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Target Details	
Alternative Name:	ARNT2 (ARNT2 Products)
Background:	Description: Transcription factor that plays a role in the development of the hypothalamo- pituitary axis, postnatal brain growth, and visual and renal function (PubMed:24022475). Specifically recognizes the xenobiotic response element (XRE). Gene: ARNT2
Molecular Weight:	79 kDa
Gene ID:	9915
UniProt:	Q9HBZ2
Pathways:	Warburg Effect
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Store at -20 °C. Stable for 12 months from date of receipt.

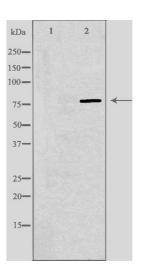
-20 °C

12 months

Storage:

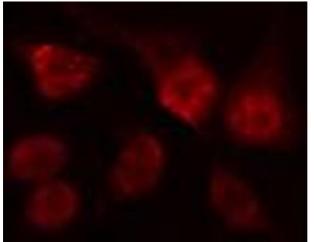
Expiry Date:

Storage Comment:



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells using ARNT2 antibody. The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6274517 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.

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