

# Datasheet for ABIN1781945 anti-ARNT antibody (AA 558-570)

# 1 Image



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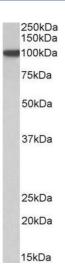
Quantity:	100 μg
Target:	ARNT
Binding Specificity:	AA 558-570
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ARNT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Purpose:	ARNT (aa558-570)
Sequence:	SEIYHNINAD QSK
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_001659.1, NP_848514.1,
	NP_001184254.1).
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity
	chromatography using the immunizing peptide.
Grade:	Verified

## **Target Details**

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Target:	ARNT		
Alternative Name:	ARNT (ARNT Products)		
Background:	ARNT, aryl hydrocarbon receptor nuclear translocator, HIF-1-beta, HIF-1beta, HIF1-beta, HIF1BETA, TANGO, bHLHe2, OTTHUMP00000218217, OTTHUMP00000218218, OTTHUMP00000218220, class E basic helix-loop-helix protein 2, dioxin receptor, nuclear transloc		
Molecular Weight:	Expected molecular weight: 100 kDa		
Gene ID:	405		
NCBI Accession:	NP_001659, NP_848514, NP_001184254		
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 Blot: Approx 100 kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 86.6 kDa according to NP_001659.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.5 mg/mL		
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Handling Advice:	Minimize freezing and thawing.		
Storage:	-20 °C		
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated		

at 4°C for a few weeks and still remain viable.

### **Images**



### **Western Blotting**

**Image 1.** ABIN1781945 (1 $\mu$ g/ml) staining of HeLa nuclear lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.