

Datasheet for ABIN1781947 anti-ARNT antibody (AA 69-82)

1 Image



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Quantity:	100 μg
Target:	ARNT
Binding Specificity:	AA 69-82
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ARNT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ARNT (aa69-82)	
Sequence:	CNDKERFARS DDEQS	
Isotype:	IgG	
Specificity:	This antibody is expected to recognize all reported isoform 1 (NP_001659.1) only.	
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

Target Details

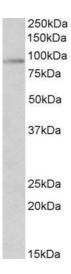
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Target:	ARNT	
Alternative Name:	ARNT (ARNT Products)	
Background:	ARNT, aryl hydrocarbon receptor nuclear translocator, HIF-1-beta, HIF-1-beta, HIF1-beta, HIF1E HIF1BETA, TANGO, bHLHe2, OTTHUMP00000218217, OTTHUMP00000218218, OTTHUMP00000218220, class E basic helix-loop-helix protein 2, dioxin receptor, nuclear transloc	
Molecular Weight:	Expected molecular weight: 90 kDa	
Gene ID:	405, 11863, 25242	
NCBI Accession:	NP_001659	
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 90 kDa band observed in nuclear lysates of cell lines HeLa and HepG2 (calculated MW of 86.6 kDa according to NP_001659.1). Recommended concentration: 2-4 μ g/mL. Peptide ELISA: antibody detection limit dilution 1:4000.	
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	

Handling

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. ABIN1781947 (2µg/ml) staining of HepG2 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.