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anti-CLOCK antibody (AA 458-472)





Overview

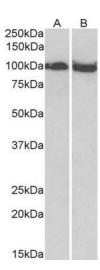
Quantity:	100 μg
Target:	CLOCK
Binding Specificity:	AA 458-472
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CLOCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CLOCK (aa458-472)
Sequence:	DTSTPPRQHL PAHEK
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_004889.1, NP_001254772.1
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

rarget Details	
Target:	CLOCK
Alternative Name:	CLOCK (CLOCK Products)
Background:	CLOCK, clock homolog (mouse), KAT13D, bHLHe8, circadian locomoter output cycles kaput protein, circadian locomoter output cycles protein kaput, class E basic helix-loop-helix protein 8
Gene ID:	9575, 12753
NCBI Accession:	NP_004889
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Photoperiodism
Application Details	
Application Notes:	Western Blot: Approx 100 kDa band observed in Mouse and Rat Skeletal Muscle lysates
	(calculated MW of 96.4 kDa according to Mouse NP_031741.1 and 97.0 kDa according to Rat
	NP_068628.1). Recommended concentration: 0.03-0.1 μg/mL.
	Peptide ELISA: antibody detection limit dilution 1:128000.
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.



Western Blotting

Image 1. ABIN1589996 (0.03μg/ml) staining of Mouse (A) and Rat (B) Skeletal Muscle lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.