

Datasheet for ABIN7450129
anti-CLOCK antibody (AA 796-846)



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Overview

Quantity:	100 µg
Target:	CLOCK
Binding Specificity:	AA 796-846
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLOCK antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-CLOCK Antibody, Affinity Purified
Immunogen:	between AA 796 and 846
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	CLOCK
Alternative Name:	CLOCK (CLOCK Products)
Background:	Background: CLOCK (circadian locomotor output cycles protein kaput) belongs to the basic

Target Details

helix-loop-helix (bHLH) family of transcription factors. Polymorphisms within the encoded protein have been associated with circadian rhythm sleep disorders. A similar protein in mice is a circadian regulator that acts as a transcription factor and forms a heterodimer with aryl hydrocarbon receptor nuclear translocator-like to activate transcription of mouse period 1 [taken from NCBI Entrez Gene (GeneID: 9575)].

Gene ID:	9575
NCBI Accession:	NP_004889
UniProt:	O15516
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Photoperiodism

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months