

Goat CLOCK Antibody | anti-CLOCK antibody

Goat anti-CLOCK (aa458-472) Antibody

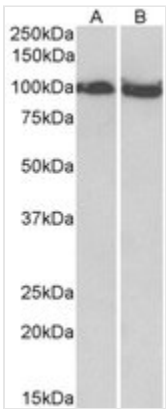
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13674	Goat	Tested: Mouse, Rat Expected from sequence similarity: Human, Mouse, Cow	ELISA, Western Blot

PRODUCT SYNONYMS

CLOCK; Goat anti-CLOCK (aa458-472) Antibody; 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; CLOCK antibody; clock homolog (mouse) antibody; KAT13D antibody; bHLHe8 antibody; circadian locomoter output cycles kaput protein antibody; circadian locomoter output cycles protein kaput antibody; class E basic helix-loop-helix protein 8 antibody; CLOCK (aa458-472); anti-CLOCK antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Mouse, Rat Expected from sequence similarity: Human, Mouse, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	846
Applicable Applications for anti-CLOCK antibody	ELISA (Peptide ELISA), WB (Western Blot)
Application Notes	Peptide ELISA: Antibody detection limit dilution 1:128000. Western Blot: Approx 100kDa band observed in Mouse and Rat Skeletal Muscle lysates (calculated MW of 96.4kDa according to Mouse NP_031741.1 and 97.0kDa according to Rat NP_068628.1). Recommended concentration: 0.03-0.1ug/ml.
Immunogen	Peptide with sequence C-DTSTPPRQHLP AHEK, from the internal region of the protein sequence according to NP_004889.1.
Note	Reported variants represent identical protein: NP_004889.1, NP_001254772.1
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0. 03ug/ml staining of Mouse (A) and Rat (B) Skeletal Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758010
NCBI GeneID	9575
NCBI Accession #	NP_004889.1
NCBI GenBank Nucleotide #	NM_004898.3
NCBI Official Full Name	circadian locomoter output cycles protein kaput
NCBI Official Synonym Full Names	clock circadian regulator
NCBI Official Symbol	CLOCK
NCBI Official Synonym Symbols	KAT13D; bHLHe8
NCBI Protein Information	circadian locomoter output cycles protein kaput
UniProt Protein Name	Circadian locomoter output cycles protein kaput
UniProt Gene Name	CLOCK
UniProt Synonym Gene Names	BHLHE8; KIAA0334; hCLOCK; bHLHe8
UniProt Entry Name	CLOCK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.