

Clock Antibody | anti-Clock antibody

Clock Antibody

CATALOG # AAA110190	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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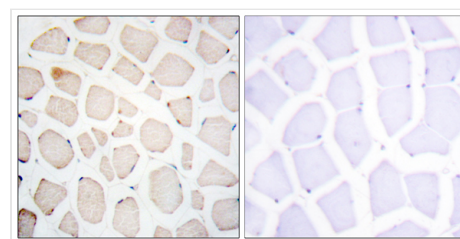
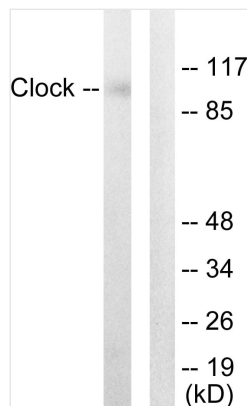
PRODUCT SYNONYMS

Clock; Clock Antibody; circadian locomotor output cycles kaput; hCLOCK; CLOCK; KIAA0334; anti-Clock antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Clock antibody detects endogenous levels of total Clock protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	846
Applicable Applications for anti-Clock antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from Internal of human Clock.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Clock antibody. Western blot analysis of extracts from HUVEC cells, using Clock antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Clock antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Steeves T.D.L., Genomics 57:189-200(1999). Nagase T., DNA Res. 4:141-150(1997). Sato T.K., Nat. Genet. 38:312-319(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	392841204
NCBI GeneID	9575
NCBI Accession #	NP_001254772.1
NCBI GenBank Nucleotide #	NM_001267843.1
UniProt Accession #	O15516; O14516; Q9UIT8; A0AV01; A2I2N9
Molecular Weight	95,304 Da
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

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/clock/110190>