CLOCK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No.   A302-618A-T
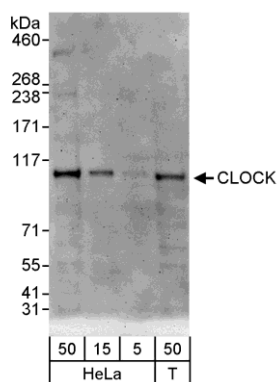
Protein ID   NP_004889.1

Gene ID   9575

APPLICATIONS	WB, IP
REACTIVITY TESTED	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Guinea pig_10141, Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, White-tufted-ear marmoset, Crab-eating macaque and Northern white-cheeked gibbon.
ISOTYPE	IgG
AMOUNT	20 µl (2 blots)
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline with 0.1% BSA containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CLOCK immobilized on solid support.
	The epitope recognized by A302-618A-T maps to a region between residue 796 and 846 of human circadian locomoter output cycles kaput protein using the numbering given in entry NP_004889.1 (GeneID 9575).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot   1:1000

Immunoprecipitation   The antibody contained within A302-618A-T has been qualified for use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A302-618A.

APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel and ReliaBLOT® Reagents (Cat. No. WB120).
ADDITIONAL INFO	http://www.bethyl.com/product/A302-618A-T
	Use the link above to view SDS, a current list of citations, and other product specific information.

Detection of Human CLOCK by Western Blot. *Samples:* Whole cell lysate from HeLa (5, 15, and 50 µg) and 293T (T; 50 µg) cells. *Antibody:* Affinity purified rabbit anti-CLOCK antibody A302-618A-T used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

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