

Datasheet for ABIN7469068
anti-TIMELESS antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TIMELESS
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMELESS antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human TIMELESS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TIMELESS
Alternative Name:	timeless circadian regulator (TIMELESS Products)

Target Details

Background:	Synonyms: timeless circadian regulator , TIM , TIM1 , hTIM Background: Required for normal progression of S-phase. Involved in the circadian rhythm autoregulatory loop. Negatively regulates CLOCK-NPAS2/BMAL1-induced transactivation of PER1 possibly via translocation of PER1 into the nucleus. Promotes TIPIN nuclear localization. Involved in cell survival after DNA damage or replication stress. May be specifically required for the ATR-CHK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light. May also play an important role in epithelial cell morphogenesis and formation of branching tubules.
Molecular Weight:	139 kDa
Gene ID:	8914
UniProt:	Q9UNS1
Pathways:	Protein targeting to Nucleus , Photoperiodism

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:2000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 , Neuro2A , C8D30 , NIH-3T3 , Raw 264.7 , C2C12
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.