

Datasheet for ABIN2461712
anti-TIMELESS antibody



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1 Image

Overview

Quantity:	100 µL
Target:	TIMELESS
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMELESS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TIMELESS.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	TIMELESS
Alternative Name:	TIMELESS (TIMELESS Products)
Background:	The human Timeless protein interacts with both the circadian clock protein cryptochrome 2 and with the cell cycle checkpoint proteins Chk1 and the ATR-ATRIP complex and plays an important role in the DNA damage checkpoint response. Down-regulation of Timeless in human cells seriously compromises replication and intra-S checkpoints, indicating an intimate connection between the circadian cycle and the DNA damage checkpoints that is in part

Target Details

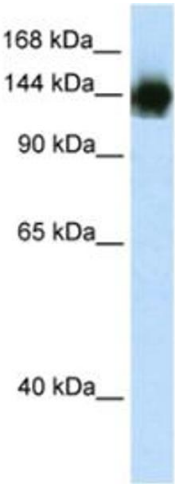
	mediated by the Timeless protein.
Molecular Weight:	139 kDa
Gene ID:	8914
NCBI Accession:	NP_003911
UniProt:	Q9UNS1
Pathways:	Protein targeting to Nucleus , Photoperiodism

Application Details

Application Notes:	TIMELESS antibody can be used for detection of TIMELESS by ELISA at 1:312500. TIMELESS antibody can be used for detection of TIMELESS by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store TIMELESS antibody at -20 °C.



Western Blotting

Image 1.