

Datasheet for ABIN410144
anti-TIMELESS antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TIMELESS
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide derived from Nter domain of human hTIM protein
Isotype:	IgG
Specificity:	Reacts with human 138 kDa protein
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Cross reacts with proteins from mouse, rat and other species.
Purification:	Antiserum

Target Details

Target:	TIMELESS
Alternative Name:	Protein Timeless Homolog (hTIM) (TIMELESS Products)
Background:	Required for normal progression of S-phase. Involved in the circadian rhythm autoregulatory

Target Details

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-CHEK1 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.

UniProt: [Q9UNS1](#)

Pathways: [Protein targeting to Nucleus](#), [Photoperiodism](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only :
- IHC : 1/50 to 1/200 - WB : 1/100 to 1/1 000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Must be reconstituted in distilled water.

Storage: 4 °C/-20 °C

Storage Comment: Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 24 months