

Datasheet for ABIN5027436

anti-PER1 antibody (AA 1000-1200)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PER1
Binding Specificity:	AA 1000-1200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PER1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant PER1 protein (amino acids 1000-1200) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	PER1
Alternative Name:	PER1 (PER1 Products)
Background:	PER1 (period circadian clock 1) is an important core clock protein and members of the circadian family of proteins, involved in the regulation of normal cell proliferations and physiological rhythms of human beings. It is expressed in a circadian pattern in the

Target Details

suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain and its function is to regulate physiological rhythms, cell cycle and DNA damage response of normal living subjects. Aberrant expressions and altered rhythms of PER1 are highly linked to the carcinogenesis and development of malignant tumors, such as prostate cancer, colon cancer, leukocythemia and breast cancer.

Molecular Weight: 136 kDa

Gene ID: 18626

UniProt: [O35973](#)

Pathways: [Photoperiodism](#)

Application Details

Application Notes: WB: 2-4 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

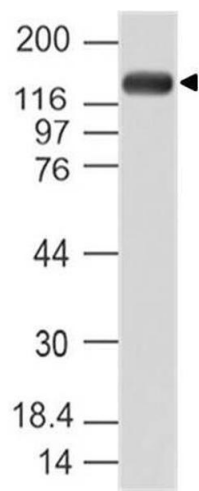


Image 1.