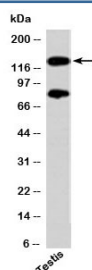


## PER2 Antibody (N1142)

Catalog No.	Formulation	Size
N1142-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1142-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

[Bulk quote request](#)

<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Protein A Affinity Chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>Gene ID</b>	8864
<b>Applications</b>	Western Blot : 2-5ug/ml
<b>Limitations</b>	This <b>PER2 antibody</b> is available for research use only.



Western blot testing of human samples with PER2 antibody at 2ug/ml.

## Description

The Period family of proteins are negative regulators of the circadian clock. The CLOCK-BMAL1 heterodimer is an activator of circadian gene transcription. PER2 (Period circadian protein homolog 2), a member of the Period family of proteins, binds to CLOCK and inhibits its transcriptional activity.

## Application Notes

Provided assay concentrations are suggestions only, PER2 antibody titration may be required for optimal results.

## Immunogen

A recombinant protein fragment from the C-terminal region of human PER2 was used as the immunogen for this antibody.

## Storage

Aliquot the PER2 antibody and store frozen at -20oC or colder to avoid repeated freeze-thaw cycles.

## Alternate Names

Circadian clock protein PERIOD 2, Period2