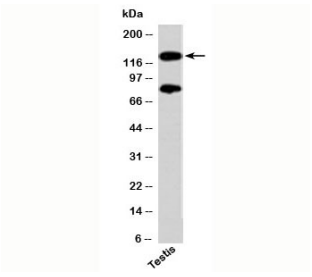
# PER2 Antibody (N1142)

| 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 |

**Bulk quote request**

| | |
|---|---|
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Protein A Affinity Chromatography |
| **Buffer** | 1X PBS, pH 7.4 |
| **Gene ID** | 8864 |
| **Applications** | Western blot: 2-5ug/ml |
| **Limitations** | This **PER2 antibody** 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


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