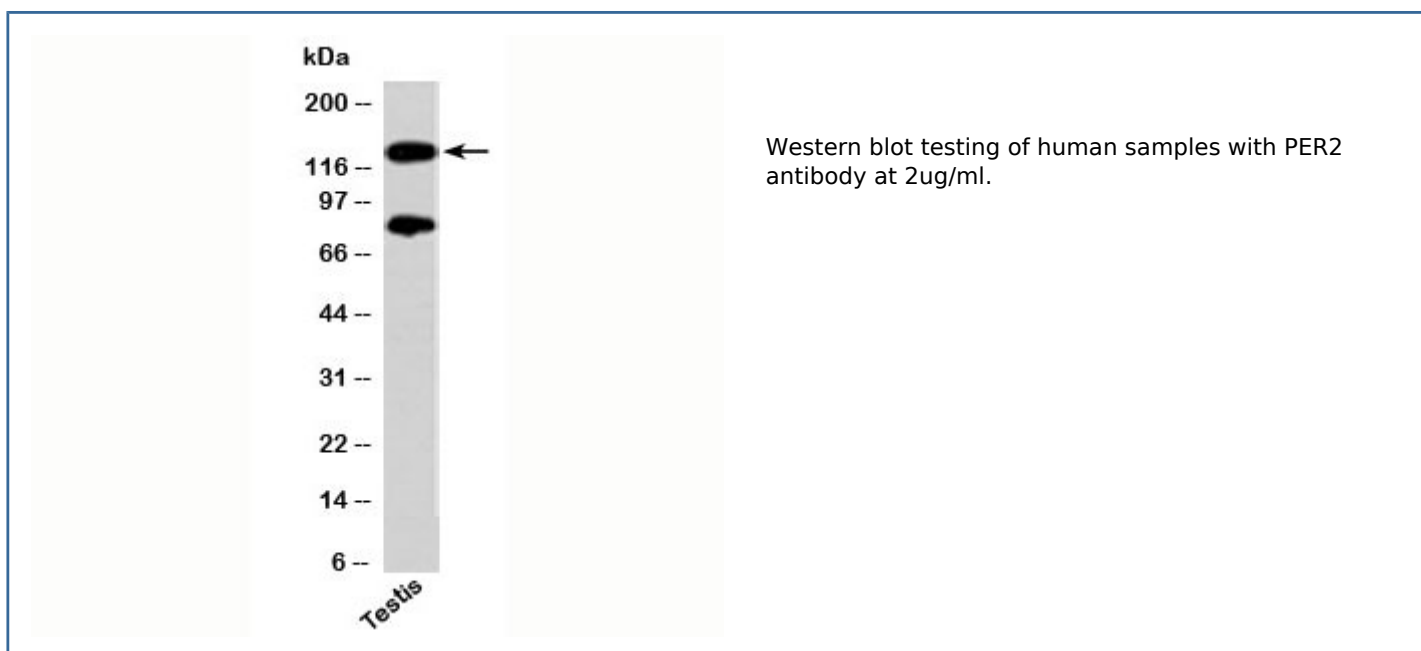


PER2 Antibody (N1142)

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](#)

Species Reactivity	Human, Mouse, Rat
Format	Purified
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.



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