

Allgemeine Informationen

Katalog-Nr.:

20359-1-AP

Größe:

150ul , Konzentration: 367 µg/ml
 durch die Bradford-Methode mit BSA
 als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_022817

GeneID (NCBI):

8864

Vollständiger Name:

period homolog 2 (Drosophila)

Berechnete Masse:

137 kDa

Beobachtete Masse:

136 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
 IP 0.5-4.0 µg für IP und 1:200-1:1000
 für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ziege

Positivkontrollen:

WB : BxPC-3-Zellen, K-562-Zellen, L02-Zellen, Y79-Zellen

IP : HEK-293-Zellen,

Hintergrundinformationen

PER2, also named as KIAA0347, is a component of the circadian clock mechanism which is essential for generating circadian rhythms. PER2 is a negative element in the circadian transcriptional loop. PER2 influences clock function by interacting with other circadian regulatory proteins and transporting them to the nucleus. It negatively regulates CLOCK|NPAS2-BMAL1|BMAL2-induced transactivation. Defects in PER2 are a cause of familial advanced sleep-phase syndrome (FASPS) which is characterized by very early sleep onset and offset. The antibody is specific to PER2. It can recognize isoform1 and isoform2 of PER2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jian Gao	33010914	J Dairy Sci	WB, IF
Zandra E Walton	29861175	Cell	WB
An-yuan Cheng	25560491	Tumour Biol	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

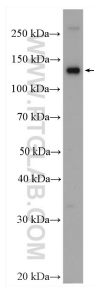
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
 in USA), or 1(312) 455-8498 (outside USA)

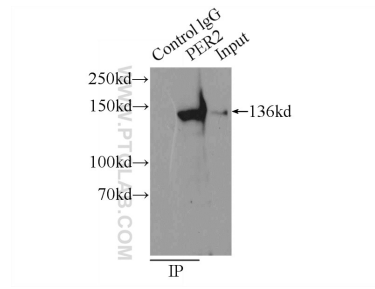
E: proteintech@ptglab.com
 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 20359-1-AP (PER2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-PER2 (IP:20359-1-AP, 3ug; Detection:20359-1-AP 1:300) with HEK-293 cells lysate 1000ug.