

CRY2 Rabbit Polyclonal Antibody



CAB13289

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

60kDa/66kDa

Applications:

WB IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a flavin adenine dinucleotide-binding protein that is a key component of the circadian core oscillator complex, which regulates the circadian clock. This gene is upregulated by CLOCK/ARNTL heterodimers but then represses this upregulation in a feedback loop using PER/CRY heterodimers to interact with CLOCK/ARNTL. Polymorphisms in this gene have been associated with altered sleep patterns. The encoded protein is widely conserved across plants and animals. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

1408

Uniprot

Q49AN0

Synonyms:

CRY2; HCRY2; PHLL2

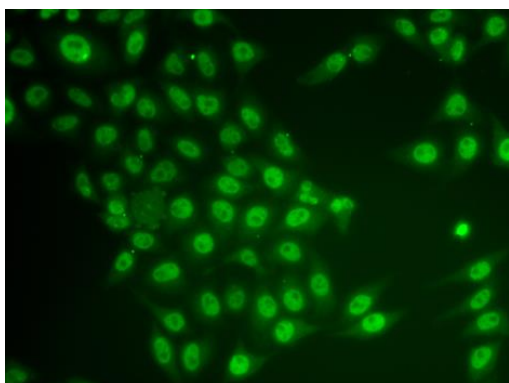
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 455-614 of human CRY2 (NP_066940.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of HeLa cells using CRY2 antibody (CAB13289).