

A21364

Leader in Biomolecular Solutions for Life Science



[KO Validated] CRY1 Rabbit pAb

Catalog No.: A21364

KO Validated

Basic Information

Observed MW

Refer to figures

Calculated MW

66kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

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. Loss of the related gene in mouse results in a shortened circadian cycle in complete darkness.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1407

Swiss Prot

Q16526

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

DSPD; PHLL1; Y1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.