

CAB13662

Product Information

Product SKU:	CAB13662	Gene ID:	1407	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	66kDa	Conjugate:	Unconjugated
Calculated MW:	66kDa	Isotype:	IgG

Immunogen Information

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 Dilution: WB,1:500 - 1:2000 IHC-P,1:50 - 1:200

Synonyms: DSPD; PHLL1; CRY1

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 496-586 of human CRY1 (NP_004066.1).

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