

Cat. No:	AB-E12250
Conjugate:	unconjugated
Size:	100 ug
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human CRY2 protein . at AA range: 181-231
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot 1:500- 1:2000
Molecular Weight:	64kd
Purification:	affinity purified

Synonyms:**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.

Form:

Liquid

Buffer:

PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Storage:

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

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