

<b>Cat. No:</b>	AB-E12249
<b>Conjugate:</b>	unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthesized peptide derived from human CRY protein . at AA range: 120-200
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	Western Blot 1:500- 1:2000
<b>Molecular Weight:</b>	64kd
<b>Purification:</b>	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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