

**CRY2 polyclonal antibody**

Catalog: BS8562

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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. [provided by RefSeq, Feb 2014]

**Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

~ 67 kDa

**Swiss-Prot:**

Q49AN0

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

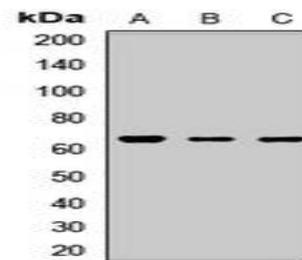
WB, 1:500 - 1:1000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

CRY2 polyclonal antibody detects endogenous levels of CRY2 protein.

**DATA:**

Western blot analysis of CRY2 expression in THP1 (A), mouse liver (B), mouse brain (C) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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