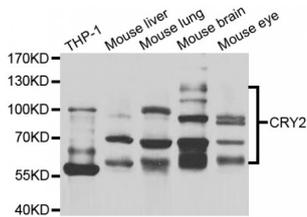


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Cryptochrome 2 (CRY2) Antibody

Catalogue No.: abx005245



Western blot analysis of extracts of various cell lines, using CRY2 antibody (abx005245) at 1/1000 dilution.

CRY2 Antibody is a Rabbit Polyclonal antibody against CRY2. 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.

Target: CRY2

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human CRY2.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 60 kDa/66 kDa
 Observed MW: 60-115 kDa

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Swiss Prot: [Q49AN0](#)

GeneID: [1408](#)

Gene Symbol: CRY2

Concentration: > 1 mg/ml

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

Note: This product is for research use only.