



[Go to Product page](#)

Datasheet for ABIN7451723 anti-CRY2 antibody (AA 543-593)

Overview

Quantity:	20 µg
Target:	CRY2
Binding Specificity:	AA 543-593
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRY2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Cry2 Antibody, Affinity Purified
Immunogen:	between AA 543 and 593
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CRY2
Alternative Name:	Cry2 (CRY2 Products)
Background:	Background: Cryptochrome 2 (Cry2) is a blue light-dependent regulator of the circadian feedback loop. It inhibits CLOCK NPAS2-ARNTL E box-mediated transcription and acts in

Target Details

conjunction with CRY1 in maintaining period length and circadian rhythmicity. Cry2 has no photolyase activity. It is capable of translocating circadian clock core proteins such as PER proteins to the nucleus [taken from the Universal Protein Resource (UniProt) Q49AN0].

Gene ID: 1408

UniProt: [Q49AN0](#)

Pathways: [Response to Water Deprivation](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months