

Cry1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004066.1

Catalog No. A302-614A-T

GeneID 1407

Lot No. A302-614A-T-1

| | |
|------------------------------|--|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human |
| AMOUNT | 10 µl |
| CONCENTRATION | 200 µg/ml |
| STORAGE/SHELF LIFE | 2 – 8°C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | Antibody was affinity purified using an epitope specific to Cry1 immobilized on solid support. |

The epitope recognized by A302-614A-T maps to a region between residue 536 and 586 of human cryptochrome 1 using the numbering given in entry NP_004066.1 (GeneID 1407).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate

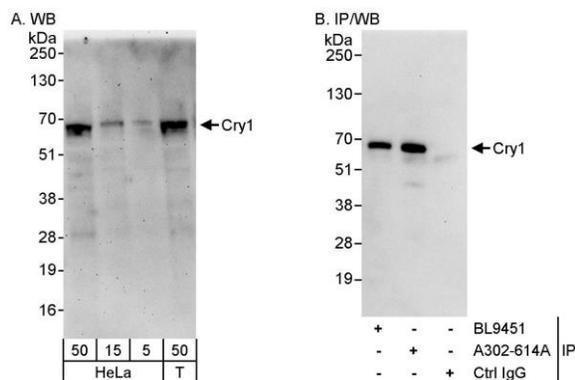
ADDITIONAL INFO

<https://www.bethyl.com/product/A302-614A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 6, 2022



Detection of human Cry1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-Cry1 antibody A302-614A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. Cry1 was also immunoprecipitated by rabbit anti-Cry1 antibody BL9451, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).