

Datasheet for ABIN6735053  
**anti-CRY2 antibody (C-Term)**



[Go to Product page](#)

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | CRY2                                |
| Binding Specificity: | C-Term                              |
| Reactivity:          | Mouse                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This CRY2 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA        |

## Product Details

|               |                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | A 22 aa peptide sequence within the C-terminus of mouse CRY2 (1) was synthesized coupled to KLH.                    |
| Isotype:      | IgG                                                                                                                 |
| Specificity:  | The mouse peptide sequence is 75 % conserved in rat, 68 % in human CRY2. No significant homology is seen with CRY1. |
| Purification: | Immunoaffinity purified                                                                                             |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | CRY2                                   |
| Alternative Name: | CRY2 ( <a href="#">CRY2 Products</a> ) |

## Target Details

|             |                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: CRY2<br><br>Synonyms: CRY2, Cryptochrome-2, KIAA0658, Growth-inhibiting protein 37, Photolyase-like 2, PHELL2, HCRY2 |
| Gene ID:    | 1408                                                                                                                               |
| UniProt:    | <a href="#">Q49AN0</a>                                                                                                             |
| Pathways:   | <a href="#">Response to Water Deprivation</a> , <a href="#">Protein targeting to Nucleus</a>                                       |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (1:10000 - 1:100000), WB (1:1000 - 1:5000)<br><br>Usage: Suitable for use in Immunofluorescence, ELISA, Western Blot, Immunohistochemistry, Immunoprecipitation. Western Blot: 1:1000-1:5000 for neat serum and 1-10 µg/mL for affinity pure using ECL. ELISA: 1:10000-1:100000 using 50-100 ng of control peptide/well.<br>Immunohistochemistry & Immunofluorescence: We recommend the use of aff purified IgG at 2-10 µg/mL in 4 % PF-fixed and in frozen free floating sections. |
| Comment:           | Target Species of Antibody: Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Handling

|                  |                                                                       |
|------------------|-----------------------------------------------------------------------|
| Format:          | Liquid                                                                |
| Concentration:   | Lot specific                                                          |
| Buffer:          | PBS, pH 7.5, 0.1 % BSA.                                               |
| Handling Advice: | Avoid freeze-thaw cycles.                                             |
| Storage:         | 4 °C, -20 °C                                                          |
| Storage Comment: | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles. |