



[Go to Product page](#)

Datasheet for ABIN881426  
**anti-ADCK2 antibody (AA 545-626) (Cy3)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ADCK2  |
| Binding Specificity: | AA 545-626   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ADCK2 antibody is conjugated to Cy3   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ADCK2 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Horse, Chicken, Rabbit            |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | ADCK2  |
| Alternative Name: | Adck2 ( <a href="#">ADCK2 Products</a> )                                       |
| Background:       | Synonyms: AARF, aarF domain containing kinase 2, ADCK2, ADCK2_HUMAN, MGC20727, |

## Target Details

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Uncharacterized aarF domain-containing protein kinase 2.

Background: ADCK2 (aarF domain containing kinase 2), also known as AARF, is a 626 amino acid single-pass membrane protein belonging to the protein kinase superfamily and the ADCK protein kinase family. The ADCK family consists of five paralogs in human (ADCK1-5). Encoded by a gene that maps to human chromosome 7q34, ADCK2 contains one protein kinase domain. ADCK2 participates in ATP and nucleotide binding, transferase functions and protein serine/threonine kinase activities. Expression of ADCK2 inversely correlates with cellular viability, suggesting elevated expression of ADCK2 may be essential for tumour survival. ADCK2 is necessary for cell proliferation of glioblastoma multiforme (GBM), a fatal primary brain tumor containing countless genetic and epigenetic alterations.

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Gene ID: 90956

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months