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Datasheet for 600-401-BY2

# INCA1 Antibody

## Overview

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| **Description:** | Anti-INCA1 (RABBIT) Antibody - 600-401-BY2 |
| **Item No.:** | 600-401-BY2 |
| **Size:** | 100 µg |
| **Applications:** | ELISA, IF, WB |
| **Reactivity:** | Human, Mouse, Rat |
| **Host Species:** | Rabbit |

## Product Details

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| **Background:** | INCA1 was isolated through a yeast triple hybrid approach to identify interaction partners of the cyclin A1-CDK2 heterodimer. INCA1 is evolutionarily conserved and has no homology to any known proteins. Like Cyclin A1, INCA1 is highly expressed in testis with highest levels observed at various points of testis maturation. It has been suggested that the complex of INCA1 and the cyclinA1-CDK2 dimer plays a role in several signaling pathways important for cell cycle control and meiosis. Recent experiments have shown that INCA1 also interacts with the testis protein RSB-66 and this interaction takes place in the cytoplasm. |
| **Synonyms:** | INCA1 Antibody, INKA1, C3orf54, Protein FAM212A |
| **Host Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Format:** | IgG |

## Target Details

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| **Gene Name:** | C3orf54 |
| **Reactivity:** | Human, Mouse, Rat |
| **Immunogen Type:** | Conjugated Peptide |
| **Immunogen:** | Anti-INCA1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid synthetic peptide from near the C-terminus of human INCA1. |

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| **Purity/Specificity:** | Anti-INCA1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with INCA1 from other sources has not been determined. |
| **Relevant Links:** | • UniProtKB - Q96EL1<br>• GeneID - 389119<br>• NCBI - NP_976248 |

## Application Details

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| **Tested Applications:** | ELISA, IF, WB |
| **Application Note:** | Anti-INCA1 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 31 kDa in Western Blots of specific cell lysates and tissues. |
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| **ELISA:** | User Optimized |
| **IF:** | User Optimized |
| **WB:** | User Optimized |

## Formulation

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| **Physical State:** | Liquid (sterile filtered) |
| **Concentration:** | 1 mg/mL by UV absorbance at 280 nm |
| **Buffer:** | 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2 |
| **Preservative:** | 0.02% (w/v) Sodium Azide |
| **Stabilizer:** | None |

## Shipping & Handling

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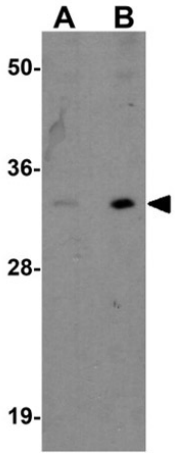
| **Shipping Condition:** | Dry Ice |
| **Storage Condition:** | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| **Expiration:** | Expiration date is one (1) year from date of receipt. |

## Images




**Western Blot**
Western blot analysis of INKA1.
Load: EL4 cell lysate per lane.
Primary Antibody: anti-INKA1 antibody at (A) 1 µg/ml and (B) 2 µg/ml.

## Disclaimer