

Datasheet for 600-401-BY2**INCA1 Antibody****Overview**

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

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

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.

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](#)
- [GeneID - 389119](#)
- [NCBI - NP_976248](#)

Application Details

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

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

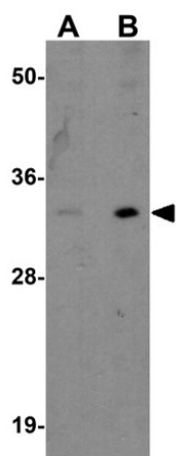
Shipping & Handling

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 μ g/ml and (B) 2 μ g/ml.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.