

## Anti-NF-Y (A subunit) (RABBIT) Antibody - 200-401-100

**Code:** 200-401-100

**Size:** 100 µg

**Product Description:** Anti-NF-Y (A subunit) (RABBIT) Antibody - 200-401-100

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Liquid (sterile filtered)

<b>Label</b>	Unconjugated
<b>Host</b>	Rabbit
<b>Gene Name</b>	NFYA
<b>Species Reactivity</b>	human
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	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.
<b>Synonyms</b>	rabbit anti-NF-Y Antibody, NF-Y-A subunit, CAAT box DNA-binding protein subunit A, Nuclear transcription factor Y subunit A
<b>Application Note</b>	Anti-NF-Y antibody is suitable for western blotting and for ELISA. Researchers should determine optimal titers for applications that are not stated below.
<b>Background</b>	Anti-NF-Y antibody detects NF-Y (a subunit) protein. NF-Y is a highly conserved transcription factor that stimulates the transcription of various genes by recognizing and binding to a CCAAT motif in promoters, for example in type 1 collagen, albumin and beta-actin genes. NF-subunit A associates with a tight dimer composed of the NF-YB and NF-YC subunits, resulting in a trimer that binds to DNA with high specificity and affinity. Anti-NF-YA Antibody is ideal for investigators involved in Cell Signaling, Immunology, Cancer, and Signal Transduction research.
<b>Purity And Specificity</b>	Anti-NF-Y (a) antibody was prepared from monospecific antiserum by a multi-step procedure that includes delipidation, salt fractionation and ion exchange chromatography. A single precipitin arc was observed against anti-Rabbit Serum when assayed by immunoelectrophoresis.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:10,000
<b>Western Blot</b>	1:1,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Anti-NF-Y (A) antibody was produced by repeated immunizations with a synthetic NF-Y (A subunit) peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

**Related Products**

100-401-100	Anti-NF-Y (A subunit) (RABBIT) Antibody - 100-401-100
100-401-101	Anti-NF-Y (B subunit) (RABBIT) Antibody - 100-401-101
100-401-219	Anti-IKKa (RABBIT) Antibody - 100-401-219
100-401-220	Anti-IKK&#223; (RABBIT) Antibody - 100-401-220

**Related Links**

NCBI - CAI20286.1

<http://www.ncbi.nlm.nih.gov/protein/CAI20286.1>

UniProtKB - P23511

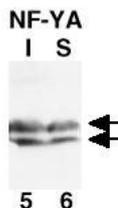
<http://www.uniprot.org/uniprot/P23511>

GeneID - 4800

## Images

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Western Blot of Rabbit Anti-NF-Y(A subunit) Antibody. Lane 1: CHO-7 cells in the absence (I) of cholesterol. Lane 2: CHO-7 cells in the presence (S) of cholesterol. Load: Equivalent aliquots of chromatin from each sample containing ~50 µg of total protein per lane. Primary antibody: anti-NF-YA antibody at 1:1000 for overnight at 4°C. Secondary antibody: HRP conjugated Goat-anti-Rabbit IgG [H&L] secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: doublet of ~ 42 kDa for NF-Y A.



## 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.