

## Anti-NF-Y (B subunit) (RABBIT) Antibody - 200-401-101

**Code:** 200-401-101

**Size:** 100 µg

**Product Description:** Anti-NF-Y (B subunit) (RABBIT) Antibody - 200-401-101

**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>	NFYB
<b>Species Reactivity</b>	human
<b>Buffer</b>	0.01 M Sodium 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, Nuclear transcription factor Y subunit B
<b>Application Note</b>	This product was assayed by immunoblot and found to be reactive against the 25 kDa B subunit of NF-Y at a dilution of 1:500 followed by reaction with Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302. Anti-NF-Y (B subunit specific) is suitable for the detection by immunoblot of human and mouse NF-Y (B subunit specific). Minimal reaction was observed by immunoblot against the 35 kDa A subunit of NF-Y. This product was also tested in a gel supershift assay and found to be reactive against human and mouse NF-Y using 2.0 to 4.0 µl per assay. This product was assayed against NF-Y B subunit peptide in an antibody capture ELISA using (#611-1302) Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and ABTS substrate (#ABTS-100). A dilution of 1:4000 is suggested from this experiment. Minimal reactivity was observed by ELISA against the A subunit of NF-Y.
<b>Background</b>	Nuclear transcription factor Y subunit beta is a component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors.
<b>Purity And Specificity</b>	This product was prepared from monospecific antiserum by a multi-step procedure which 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>	1:5,000 - 1:25,000
<b>Western Blot</b>	1:500 - 1:3,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	NF-Y (B 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-IKKα (RABBIT) Antibody - 100-401-219
100-401-220	Anti-IKKβ (#223; (RABBIT) Antibody - 100-401-220

### Related Links

NCBI - P25208.2

<http://www.ncbi.nlm.nih.gov/protein/P25208.2>

UniProtKB - <http://www.uniprot.org/uniprot/P25208>

GeneID - 4801

## **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.