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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for 100-401-101**NF-Y Antibody****Overview**

Description:	Anti-NF-Y (B subunit) (RABBIT) Antibody - 100-401-101
Item No.:	100-401-101
Size:	100 µL
Applications:	IHC, WB, EMSA, IP
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	rabbit anti-NF-Y Antibody, Nuclear transcription factor Y subunit beta, Nuclear transcription factor Y subunit B, CAAT box DNA-binding protein subunit B, NF-YB, HAP3
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	NFYB
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	NF-Y (B subunit specific) peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
Purity/Specificity:	This product was prepared from monospecific antiserum by delipidation and defibrination.
Relevant Links:	<ul style="list-style-type: none">• NCBI - P25208.2

- [UniProtKB - P25208](#)
- [GeneID - 4801](#)

Application Details

Tested Applications:	IHC, WB
Suggested Applications:	EMSA, IP (Based on references)
Application Note:	This product was tested by immunoblot and found to be reactive against NF-Y (B subunit specific) at a dilution of 1:2,000 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. Minimal reactivity was observed against the A subunit of NF-Y. This product was also tested in a gel supershift assay and found to be reactive against NF-Y using 0.5 to 1.0 µl per assay. This product is tested for immunohistochemistry in human thymus tissue at 1:500.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:25,000
EMSA:	0.5 to 1.0 µL
IHC:	1:500
WB:	1:500 - 1:3,000

Formulation

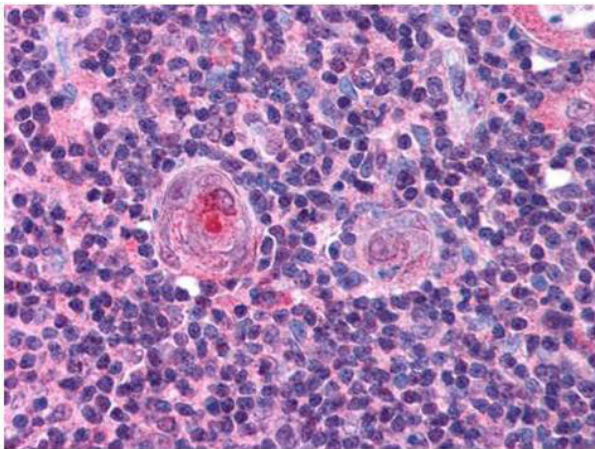
Physical State:	Liquid (sterile filtered)
Concentration:	90 mg/mL by Refractometry
Buffer:	None
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
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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



Immunohistochemistry

Immunohistochemistry. Rockland's Anti-NF-Y (B Subunit) antibody was diluted 1:500 to detect NF-YB in human thymus tissue. Tissue was formalin fixed and paraffin embedded. No pre-treatment of sample was required. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.

References

- Taira T et al. Cell cycle-dependent switch of up-and down-regulation of human hsp70 gene expression by interaction between c-Myc and CBF/NF-Y. *J Biol Chem.* (1999)

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.