

**Anti-NF-Y (B subunit) (RABBIT) Antibody**  
NF-Y Antibody  
Catalog # ASR4365**Specification**

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**Anti-NF-Y (B subunit) (RABBIT) Antibody - Product Information**

Host	Rabbit
Conjugate	Unconjugated
Target Species	Human
Reactivity	Human
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	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.
Physical State	Liquid (sterile filtered)
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	NF-Y (B subunit) peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
Preservative	0.01% (w/v) Sodium Azide

**Anti-NF-Y (B subunit) (RABBIT) Antibody - Additional Information**

Gene ID 4801

Other Names  
4801

**Purity**

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.

**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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-NF-Y (B subunit) (RABBIT) Antibody - Protein Information**

**Name** NFYB

**Synonyms** HAP3

**Function**

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.

**Cellular Location**

Nucleus.

**Anti-NF-Y (B subunit) (RABBIT) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-NF-Y (B subunit) (RABBIT) Antibody - Images****Anti-NF-Y (B subunit) (RABBIT) Antibody - 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.