

Anti-NF-Y NFYB Antibody

Catalog Number: A06714

About NFYB

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.

Overview

Product Name	Anti-NF-Y NFYB Antibody
Reactive Species	Human
Description	Boster Bio Anti-NF-Y NFYB Antibody (Catalog # A06714). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB, EMSA
Clonality	Polyclonal
Formulation	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide
Storage Instructions	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 date is one (1) year from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	P25208

Technical Details

Immunogen	NF-Y (B subunit) peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid (sterile filtered)
Concentration	1.0 mg/mL by UV absorbance at 280 nm
Purification	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.

Suggested Dilutions

ELISA: 1:5,000 - 1:25,000
EMSA: 2.0 to 4.0 μ l
WB: 1:500 - 1:3,000

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 μ l 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.

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