

Datasheet for ABIN7464824 **anti-NFYB antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NFYB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFYB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Chromatin Immunoprecipitation (ChIP), Immunohistochemistry (Whole Mount) (IHC (wm))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NFYB. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NFYB
Alternative Name:	nuclear transcription factor Y subunit beta (NFYB Products)
Background:	Nuclear transcription factor Y subunit beta , CBF-A , CBF-B , HAP3 , NF-YB,The protein encoded

Target Details

by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit B, forms a tight dimer with the C subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Observation of the histone nature of these subunits is supported by two types of evidence, protein sequence alignments and experiments with mutants. [provided by RefSeq]

Molecular Weight: 23 kDa

Gene ID: 4801

UniProt: [P25208](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Neuro 2A , C8D30 , NIH-3T3 , Raw264.7 , C2C12 , PC-12 , Rat2
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.42 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.