

## NFYB

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**23kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human NFYB

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HAP3; CBF-A; CBF-B; NF-YB;

**Catalog #:**A7295

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4801

**Isotype:**IgG

**Swiss Prot:**P25208

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded 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.

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