

NFYB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14334a**Specification**

NFYB Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P25208](#)**NFYB Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 4801**Other Names**

Nuclear transcription factor Y subunit beta, CAAT box DNA-binding protein subunit B, Nuclear transcription factor Y subunit B, NF-YB, NFYB, HAP3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NFYB Antibody (N-term) Blocking Peptide - 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.

NFYB Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NFYB Antibody (N-term) Blocking Peptide - Images

NFYB Antibody (N-term) Blocking Peptide - 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.

NFYB Antibody (N-term) Blocking Peptide - References

Stros, M., et al. Nucleic Acids Res. 37(7):2070-2086(2009) Kang, J.H., et al. J. Cell. Biochem. 104(4):1192-1203(2008) Raju, C.S., et al. Mol. Biol. Cell 19(7):3008-3019(2008) Di Agostino, S., et al. Cancer Cell 10(3):191-202(2006) Kahle, J., et al. Mol. Cell. Biol. 25(13):5339-5354(2005)