

NFYC Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16042a**Specification**

NFYC Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q13952
Other Accession	Q62725 , P70353 , Q5E9X1 , NP_055038.2 , NP_001136059.1 , NP_001136062.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50302
Antigen Region	100-129

NFYC Antibody (N-term) - Additional Information**Gene ID** 4802**Other Names**

Nuclear transcription factor Y subunit gamma, CAAT box DNA-binding protein subunit C, Nuclear transcription factor Y subunit C, NF-YC, Transactivator HSM-1/2, NFYC

Target/Specificity

This NFYC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-129 amino acids from the N-terminal region of human NFYC.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NFYC Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NFYC Antibody (N-term) - Protein Information

Name NFYC

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.

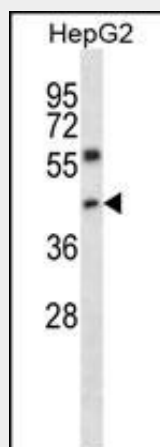
Cellular Location

Nucleus.

NFYC Antibody (N-term) - 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](#)

NFYC Antibody (N-term) - Images

NFYC Antibody (N-term) (Cat. #AP16042a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the NFYC antibody detected the NFYC protein (arrow).

NFYC Antibody (N-term) - Background

This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B 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. Multiple transcript variants encoding different isoforms have been found for this gene.

NFYC Antibody (N-term) - References

Ichikawa, S., et al. J. Bone Miner. Res. 25(8):1821-1829(2010)
Murai-Takeda, A., et al. J. Biol. Chem. 285(11):8084-8093(2010)
Ceribelli, M., et al. J. Biol. Chem. 284(49):34189-34200(2009)
Yamanaka, K., et al. Genomics 94(4):219-227(2009)
Horikawa, Y., et al. Clin. Cancer Res. 14(23):7956-7962(2008)