

Product datasheet for **TA343723**

NFYC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NFYC antibody: synthetic peptide directed towards the C terminal of human NFYC. Synthetic peptide located within the following region: GTQWVQGQIQTLATNAQQITQTEVQQGQQQFSQFTDGQQLYQIQQVTMPA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	nuclear transcription factor Y subunit gamma
Database Link:	NP_055038 Entrez Gene 18046 Mouse Entrez Gene 4802 Human Q13952



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Background:

NFYC 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. NFYC 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. 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 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. Observation of the histone nature of these subunits is supported by two types of evidence; protein sequence alignments and experiments with mutants. Additional regulation, preliminarily supported by the EST database, may be represented by alternative splicing in this subunit.

Synonyms:

CBF-C; CBFC; H1TF2A; HAP5; HSM; NF-YC

Note:

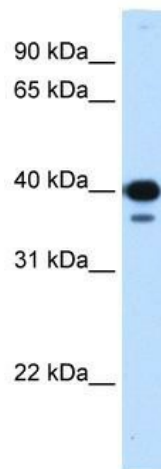
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Families:

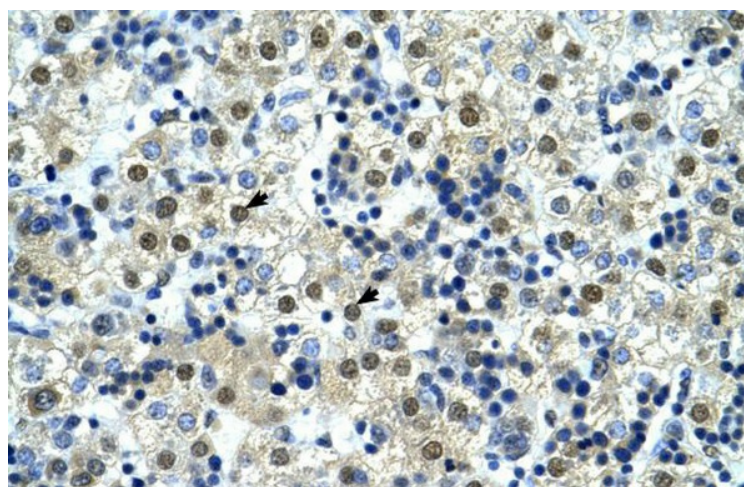
Transcription Factors

Protein Pathways:

Antigen processing and presentation

Product images:

WB Suggested Anti-NFYC Antibody Titration: 0.25 ug/ml; Positive Control: 293T cells lysate; There is BioGPS gene expression data showing that NFYC is expressed in HEK293T



Human Liver