

Product datasheet for **AP20495PU-M**

NFYC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of NF-YC protein. (region surrounding Trp85)
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 50 kDa
Gene Name:	nuclear transcription factor Y subunit gamma
Database Link:	<u>Entrez Gene 18046 Mouse</u> <u>Entrez Gene 25337 Rat</u> <u>Entrez Gene 4802 Human</u> <u>Q13952</u>



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Background:

The CCAAT-binding factor NF-Y is a heteromeric transcription factor that specifically binds to CCAAT sequences in many eukaryotic genes. NF-Y is made up of three subunits, NF-YA, NF-YB and NF-YC. All three components are necessary for DNA binding. In each NF-Y subunit, the segment needed for formation of the NF-Y-DNA complex is conserved from yeast to human. These conserved segments are homologous to the histone-fold motif of eukaryotic histones. The DNA binding domains of the NF-YB and NF-YC subunits have been suggested to interact through a protein-protein histone-fold “handshake” motif in a manner analogous to the histone proteins, H2B and H2A, respectively.

Synonyms:

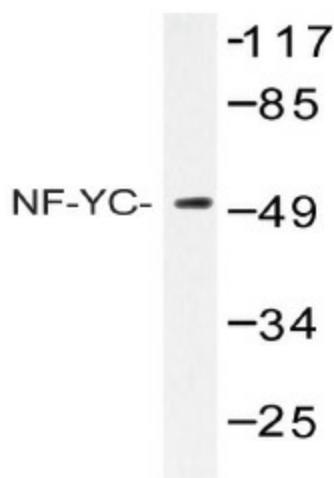
CBF-C; CBFC; DKFZp667G242; FLJ45775; H1TF2A; HAP5; HSM; NF-YC; OTTHUMP00000009208; OTTHUMP00000009209; OTTHUMP00000009211; OTTHUMP00000009212

Protein Families:

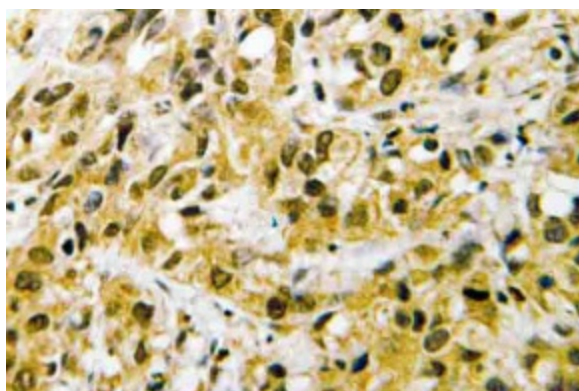
Transcription Factors

Protein Pathways:

Antigen processing and presentation

Product images:


Western blot (WB) analysis of NF-YC antibody (Cat.-No.: [AP20495PU-N]) in extracts from HeLa.



Immunohistochemistry (IHC) analysis of NF-YC antibody (Cat.-No.: [AP20495PU-N]) in paraffin-embedded human liver carcinoma tissue.