

Anti-NFYC Antibody

Catalog # AP51389

Product Information

Application	WB, IHC
Primary Accession	Q13952
Reactivity	Human, Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50302

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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NFYC. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

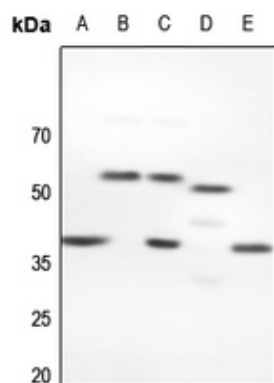
References

Nakshatri H.,et al.J. Biol. Chem. 271:28784-28791(1996).
Bellorini M.,et al.Gene 193:119-125(1997).
Dmitrenko V.V.,et al.Gene 197:161-163(1997).

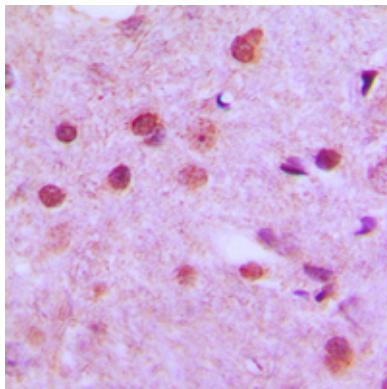
Taira T.,et al.J. Biol. Chem. 274:24270-24279(1999).

Bringuier P.P.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of NFYC expression in A375 (A), mouse brain (B), rat brain (C), rat kidney (D), rat testis (E) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 50; 37 kD)



Immunohistochemical analysis of NFYC staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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