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Anti-NFYB Antibody

Catalog # AP53310

Product Information

Application	WB, IHC
Primary Accession	P25208
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22831

Additional Information

Gene ID	4801
Other Names	HAP3; Nuclear transcription factor Y subunit beta; CAAT box DNA-binding protein subunit B; Nuclear transcription factor Y subunit B; NF-YB
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NFYB. 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

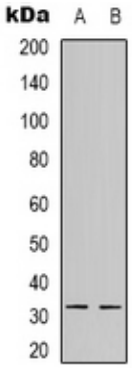
Name	NFYB
Synonyms	HAP3
Function	Component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors.
Cellular Location	Nucleus.

References

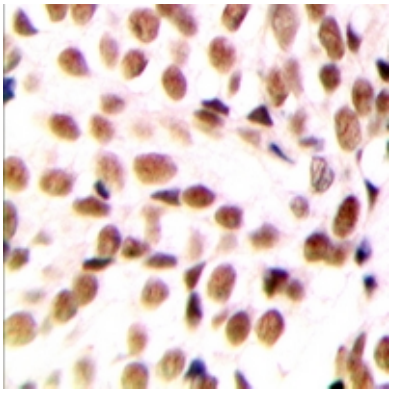
Li X.-Y.,et al.J. Biol. Chem. 267:8984-8990(1992).
Badley Clarke J.,et al.Submitted (NOV-1992) to the EMBL/GenBank/DDBJ databases.

Li X.-Y.,et al.Nucleic Acids Res. 20:1087-1091(1992).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of NFYB expression in A549 (A), HEK293T (B) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 32 kD)



Immunohistochemical analysis of NFYB staining in human breast cancer 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.