

Rabbit NFYB Polyclonal Antibody | anti-NFYB antibody

NFYB Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285589	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Rat)	Immunofluorescence, ELISA, Western Blot

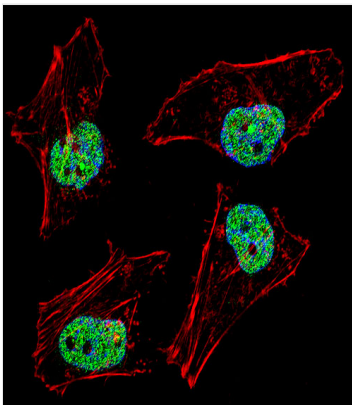
PRODUCT SYNONYMS

NFYB; Polyclonal Antibody; NFYB Antibody (N-term); Nuclear transcription factor Y subunit beta; CAAT box DNA-binding protein subunit B; Nuclear transcription factor Y subunit B; NF-YB; HAP3; anti-NFYB antibody

PRODUCT SPECIFICATIONS

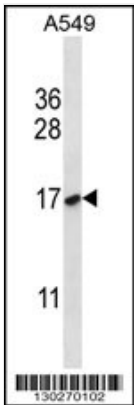
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NFYB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human NFYB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	17-46
Sequence Length	207
Applicable Applications for anti-NFYB antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent confocal image of HeLa cell stained with NFYB Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with NFYB primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). NFYB immunoreactivity is localized to nucleus significantly.



WB (Western Blot)

NFYB Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the NFYB antibody detected the NFYB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NFYB antibody	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 B, forms a tight dimer with the C 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.
Product Categories/Family for anti-NFYB antibody	Signal Transduction
References	Stros, M., et al. Nucleic Acids Res. 37(7):2070-2086(2009) Kang, J.H., et al. J. Cell. Biochem. 104(4):1192-1203(2008) Raju, C.S., et al. Mol. Biol. Cell 19(7):3008-3019(2008) Di Agostino, S., et al. Cancer Cell 10(3):191-202(2006) Kahle, J., et al. Mol. Cell. Biol. 25(13):5339-5354(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453780
NCBI GeneID	4801
NCBI Accession #	NP_006157.1
NCBI GenBank Nucleotide #	NM_006166.3
UniProt Accession #	P25208; Q96IY8; A8K7B9
Molecular Weight	22831
NCBI Official Full Name	nuclear transcription factor Y subunit beta
NCBI Official Synonym Full Names	nuclear transcription factor Y, beta
NCBI Official Symbol	NFYB

NCBI Official Synonym Symbols	HAP3; CBF-A; CBF-B; NF-YB
NCBI Protein Information	nuclear transcription factor Y subunit beta
UniProt Protein Name	Nuclear transcription factor Y subunit beta
UniProt Gene Name	NFYB
UniProt Synonym Gene Names	HAP3; NF-YB
UniProt Entry Name	NFYB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfyb-antibody-immunofluorescence-western-blot-elisa/285589>