

Rabbit NFYB Polyclonal Antibody | anti-NFYB antibody

NFYB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323840	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

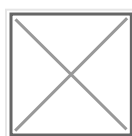
PRODUCT SYNONYMS

NFYB; Polyclonal Antibody; NFYB Antibody; CAAT box DNA binding protein subunit B; CAAT box DNA-binding protein subunit B; CBF A; CBF B; CCAAT binding transcription factor subunit A; HAP 3; HAP3; NF Y protein chain B; NF YB; NF-YB; NFYB_HUMAN; Nuclear transcription factor Y beta; Nuclear transcription factor Y subunit B; Nuclear transcription factor Y subunit beta; Transcription factor NF Y B subunit; anti-NFYB antibody

PRODUCT SPECIFICATIONS

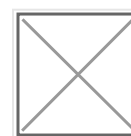
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NFYB antibody detects endogenous levels of total NFYB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-NFYB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using NFYB antibody.



IF (Immunofluorescence)

AAA323840 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NFYB antibody	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. Subunit Structure: Heterotrimeric transcription factor composed of three components, NF-YA, NF-YB and NF-YC. NF-YB and NF-YC must interact and dimerize for NF-YA association and DNA binding. Interacts with C1QBP. Post-translational Modifications: Monoubiquitination at Lys-140 plays an important role in transcriptional activation by allowing the deposition of histone H3 methylations as well as histone H2B monoubiquitination at 'Lys-121'. Similarity: Can be divided into 3 domains: the weakly conserved A domain, the highly conserved B domain thought to be involved in subunit interaction and DNA binding, and the Glu-rich C domain. Belongs to the NFYB/HAP3 subunit family.
--	---

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	Observed: 29 kD Predicted: 23 kDa
NCBI Official Full Name	nuclear transcription factor Y subunit beta
NCBI Official Synonym Full Names	nuclear transcription factor Y subunit 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfyb-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323840>