

## Product datasheet for **TA329232**

### NFYB Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NFYB antibody: synthetic peptide directed towards the middle region of human NFYB. Synthetic peptide located within the following region: EAMKGEKGIGGAVTATDGLSEELTEEAFTNQLPAGLITTDGQQQNVVMVYT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	nuclear transcription factor Y subunit beta
Database Link:	<a href="#">NP_006157</a> <a href="#">Entrez Gene 4801 Human</a> <a href="#">P25208</a>
Background:	NFYB 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.



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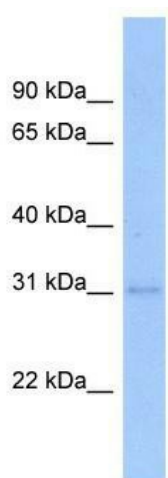
**Synonyms:** CBF-A; CBF-B; HAP3; NF-YB

**Note:** Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Horse: 93%; Bovine: 93%; Yeast: 91%; Guinea pig: 86%

**Protein Families:** Transcription Factors

**Protein Pathways:** Antigen processing and presentation

### Product images:



WB Suggested Anti-NFYB Antibody Titration: 0.2-1 ug/ml; Positive Control: Transfected 293T