

Datasheet for ABIN2780750
anti-NFYB antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

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| Quantity: | 100 µL |
| Target: | NFYB |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NFYB antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human NFYB |
| Sequence: | MTMDGDSSTT DASQLGISAD YIGGSHYVIQ PHDDTEDSMN DHEDTNGSKE |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against NFYB. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | NFYB |
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Target Details

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| Alternative Name: | NFYB (NFYB Products) |
| Background: | <p>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. 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.</p> <p>Alias Symbols: HAP3, CBF-A, CBF-B, NF-YB</p> <p>Protein Interaction Partner: AGTRAP, POLE4, DRAP1, NFYA, LYN, CDK2, CCNE1, CCNA2, TP53, SMYD3, NFYC, MAOB, UBC, CREBBP, SP1, HDAC1, EP300, KAT2B, TP73, TAF12, TAF11, TAF6, GRB2, YBX3, CEBPZ, C1QBP, TBP, CIITA, CNTN2, MYC, ELF1, YBX1,</p> <p>Protein Size: 207</p> |
| Molecular Weight: | 23 kDa |
| Gene ID: | 4801 |
| NCBI Accession: | NM_006166 , NP_006157 |
| UniProt: | P25208 |
| Pathways: | Regulation of Lipid Metabolism by PPARalpha |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 207 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
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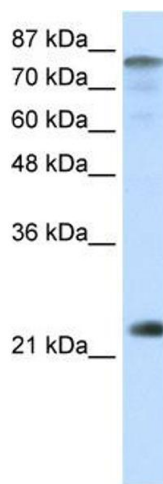
Handling

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| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Publications

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| Product cited in: | Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: Diagnostic microbiology and infectious disease , Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed). |
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Images



Western Blotting

Image 1. WB Suggested Anti-NFYB Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T