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### Datasheet for ABIN2780913 anti-NFYC antibody (C-Term)

4 Images



#### Overview

Quantity:	100 µL
Target:	NFYC
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Zebrafish (Danio rerio), Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFYC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NFYC
Sequence:	GTQVVQGQIQ TLATNAQQIT QTEVQQGQQQ FSQFTDGQQL YQIQQVTMPA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against NFYC. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	NFYC

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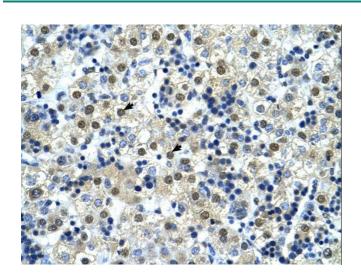
Target Details	
Alternative Name:	NFYC (NFYC Products)
Background:	NFYC is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. NFYC forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. 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 C, forms a tight dimer with the B 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. Additional regulation, preliminarily supported by the EST database, may be represented by alternative splicing in this subunit. Alias Symbols: CBF-C, CBFC, DKFZp667G242, FLJ45775, H1TF2A, HAP5, HSM, NF-YC Protein Interaction Partner: NFYA, CDK2, UBC, SNX2, NFYB, Cebpb, ELAVL1, GAPDH, KAT2B, TP73, TAF12, TAF11, TAF6, TBPL2, TRIM27, HDAC1, KIAA2018, ARID2, GLTSCR1, GLTSCR1L, ZDHHC17, CIC, POGZ, ATF6, ADNP2, LMO4, SREBF2, SP1, DR1, CSN2, DST, SMAD3, SMAD2, ATF6B, MYC, TBP, Protein Size: 335
Molecular Weight:	37 kDa
Gene ID:	4802
NCBI Accession:	NM_014223, NP_055038
UniProt:	Q13952
Pathways:	Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 335 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

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#### Handling

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.

#### Images



## 90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 31 kDa\_\_ 22 kDa\_\_

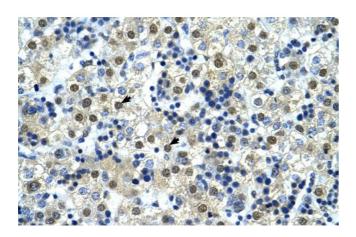
#### Immunohistochemistry

Image 1.

#### Western Blotting

**Image 2.** WB Suggested Anti-NFYC Antibody Titration: 0.25 ug/ml Positive Control: 293T cells lysate There is BioGPS gene expression data showing that NFYC is expressed in HEK293T

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Immunohistochemistry

Image 3. Human Liver

Please check the product details page for more images. Overall 4 images are available for ABIN2780913.

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