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anti-NFYC antibody (C-Term)

3 Images



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Overview

Quantity:	100 μL
Target:	NFYC
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse, Pig
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:	MTSLSPLHPS QQLYQIQQVT MPAGQDLAQP MFIQSANQPS DGQAPQVTGD
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 92%, Pig: 92%, Rabbit: 85%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NFYC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

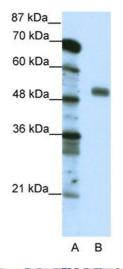
Target Details

Target:	NFYC
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.
	Alias Symbols: HSM, CBFC, HAP5, CBF-C, NF-YC, H1TF2A
	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: 458
Molecular Weight:	50 kDa
Gene ID:	4802
NCBI Accession:	NM_001142587
UniProt:	Q13952
Pathways:	Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	WB Suggested Anti-NFYC Antibody Titration: 0.2-1 μg/mL
	ELISA Titer: 1:62500
	Positive Control: Jurkat cell lysate.
	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 458 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.

Handling

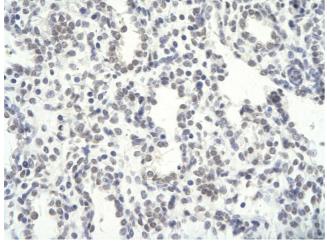
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



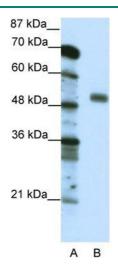
Western Blotting

Image 1. WB Suggested Anti-NFYC Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate NFYC is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Immunohistochemistry

Image 2. Rabbit Anti-NFYC antibody Paraffin Embedded Tissue: Human Lung cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 3. WB Suggested Anti-NFYC

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500

Positive Control: Jurkat cell lysate

NFYC is strongly supported by BioGPS gene expression

data to be expressed in Human Jurkat cells