Datasheet for ABIN2461844

anti-NFYC antibody

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Overview

Quantity:	100 µL
Target:	NFYC
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFYC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NFYC.
Purification:	Antibody is purified by peptide affinity chromatography method.

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.The protein encoded by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with

Target Details

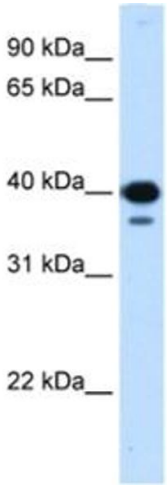
	high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like 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.
Molecular Weight:	37 kDa
Gene ID:	4802
NCBI Accession:	NP_055038
UniProt:	Q13952
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	NFYC antibody can be used for detection of NFYC by ELISA at 1:62500. NFYC antibody can be used for detection of NFYC by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store NFYC antibody at -20 °C.



Western Blotting

Image 1.