

Datasheet for ABIN104769  
**anti-NFYA antibody (N-Term)**[Go to Product page](#)

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4 Publications

## Overview

Quantity:	100 µg
Target:	NFYA
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFYA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Anti-NF-Y (A) antibody was produced by repeated immunizations with a synthetic NF-Y (A subunit) peptide corresponding to a region near the of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

## Target Details

Target:	NFYA
Abstract:	<a href="#">NFYA Products</a>
Background:	Anti-NF-Y antibody detects NF-Y (a subunit) protein. NF-Y is a highly conserved transcription factor that stimulates the transcription of various genes by recognizing and binding to a CCAAT

## Target Details

motif in promoters, for example in type 1 collagen, albumin and beta-actin genes. NF-subunit A associates with a tight dimer composed of the NF-YB and NF-YC subunits, resulting in a trimer that binds to DNA with high specificity and affinity. Anti-NF-YA Antibody is ideal for investigators involved in Cell Signaling, Immunology, Cancer, and Signal Transduction research. Synonyms: Nf-Y-A subunit, CAAT box DNA-binding protein subunit A, Nuclear transcription factor Y subunit A

Gene ID: 4800

UniProt: [P23511](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: Anti-NF-Y antibody is suitable for western blotting and for ELISA. Researchers should determine optimal titers for applications that are not stated below.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

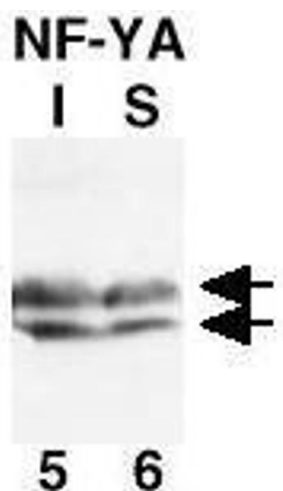
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

## Publications

Product cited in: Treise, Huber, Klein-Rodewald, Heinemeyer, Grassmann, Basler, Adler, Rathkolb, Helming, Andres, Klaften, Landbrecht, Wieland, Strom, McCoy, Macpherson, Wolf, Groettrup, Ollert, Neff, Gailus-Durner et al.: "Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. ..." in: **Scientific reports**, Vol. 8, Issue 1, pp. 5975, (2018) ([PubMed](#)).



#### Western Blotting

**Image 1.** Western Blot of Rabbit Anti-NF-Y(A subunit) Antibody. Lane 1: CHO-7 cells in the absence (I) of cholesterol. Lane 2: CHO-7 cells in the presence (S) of cholesterol. Load: Equivalent aliquots of chromatin from each sample containing ~50 µg of total protein per lane. Primary antibody: anti-NF-YA antibody at 1:1000 for overnight at 4°C. Secondary antibody: HRP conjugated Goat-anti-Rabbit IgG [H&L] secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: doublet of ~ 42 kDa for NF-Y A.