

Datasheet for ABIN969309

anti-NCOA3 antibody (AA 1-200)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	NCOA3
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of NCOA3 (aa1-200) expressed in E. coli.
Clone:	2C11B12
Isotype:	IgG1
Purification:	purified

Target Details

Target:	NCOA3
Alternative Name:	NCOA3 (NCOA3 Products)
Background:	Description: NCOA3: nuclear receptor coactivator 3. The protein encoded by this gene is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit

Target Details

coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Two transcript variants encoding different isoforms have been found for this gene. In addition, a polymorphic repeat region is found in the C-terminus of the encoded protein.

Aliases: ACTR, AIB1

Gene ID: 8202

HGNC: 8202

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

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: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

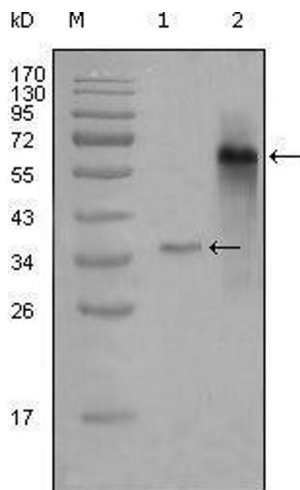
Publications

Product cited in: Durkin, Guo, Fryrear, Mihaylova, Gupta, Belgnaoui, Haoudi, Kupfer, Semmes: "HTLV-1 Tax oncoprotein subverts the cellular DNA damage response via binding to DNA-dependent protein kinase." in: **The Journal of biological chemistry**, Vol. 283, Issue 52, pp. 36311-20, (2008) ([PubMed](#)).

Huston, Lynch, Mohamed, Collins, Hill, MacLeod, Krause, Baillie, Houslay: "EPAC and PKA allow cAMP dual control over DNA-PK nuclear translocation." in: **Proceedings of the National**

Academy of Sciences of the United States of America, Vol. 105, Issue 35, pp. 12791-6, (2008)
([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis using NCOA3 mouse mAb against truncated Trx-NCOA3 recombinant protein (1) and truncated NCOA3 (aa1-200)-hIgGFc transfected CHOK1 cell lysate (2).