

Datasheet for ABIN969098

**anti-p300 antibody**[Go to Product page](#)**1** Image**2** Publications

## Overview

Quantity:	100 µL
Target:	p300 (EP300)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Purified recombinant fragment of EP300 expressed in E. coli.
Clone:	7D8A6
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	p300 (EP300)
Alternative Name:	EP300 ( <a href="#">EP300 Products</a> )
Background:	Description: EP300: E1A binding protein p300. This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. This gene has also been identified as a co-

## Target Details

	activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer. Aliases: p300, KAT3B
Gene ID:	2033
HGNC:	2033
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Notch Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of Cell Size</a>

## Application Details

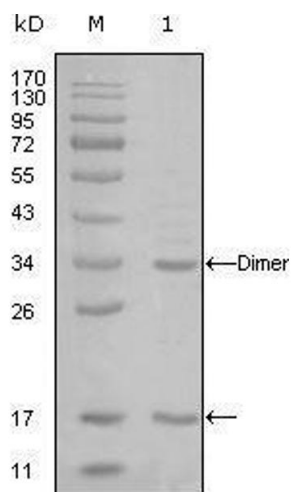
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

## 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:	Trilck, Peter, Zheng, Frank, Dobrenis, Mascher, Rolfs, Frech: "Diversity of glycosphingolipid GM2 and cholesterol accumulation in NPC1 patient-specific iPSC-derived neurons." in: <b>Brain research</b> , Vol. 1657, pp. 52-61, (2016) ( <a href="#">PubMed</a> ).
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Western Blotting

**Image 1.** Western blot analysis using EP300 mouse mAb against truncated EP300-His recombinant protein (1).