

Datasheet for ABIN1886893 **anti-MTA2 antibody (AA 652-668)**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MTA2
Binding Specificity:	AA 652-668
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acids 652 to 668 of human PID (6), which differ from the mouse sequence by one amino acid.
Cross-Reactivity (Details):	No cross response to MTA1.
Purification:	Purified by DEAE column

Target Details

Target:	MTA2
Alternative Name:	PID (MTA2 Products)
Background:	The p53 tumor-suppressor gene integrates numerous signals that control cell life and death. Several novel molecules involved in p53 pathway, including Chk2, p53R2, p53AIP1, Noxa, PIDD, and PID/MTA2, were recently discovered. The transcriptional activity of p53 is modulated

Target Details

by protein stability and acetylation.PID/MTA2, also termed MTA1-L1, was found to be a subunit of nucleosome remodeling and deacetylating (NRD/NuRD) complex.PID/MTA2 modulates the enzymatic activity of the histone deacetylase complex and its expression reduces the levels of acetylated p53.Deacetylation of p53 by PID/MTA2 represses p53-dependent transcriptional activation and modulates p53-mediated cell growth arrest and apoptosis.PID/MTA2 is ubiquitously expressed in human tissues.

Synonyms: PID, MTA2

Molecular Weight: 75 kDa

Pathways: [Chromatin Binding](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid freezing and thawing repeatedly.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term use.Store at -20 °C for long term preservation.