

Datasheet for ABIN453277 **anti-MTA2 antibody (C-Term)**



[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	MTA2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTA2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the C-terminal region of human MTA2
Specificity:	This antibody reacts to MTA2.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	MTA2
Alternative Name:	MTA2 (MTA2 Products)
Background:	MTA2 is a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly expressed in many tissues. It may represent one member of a small family of different but related proteins involved either directly or indirectly in transcriptional

Target Details

regulation. Their indirect effects on transcriptional regulation may include chromatin remodeling. It is closely related to another member of this family, a protein that has been correlated with the metastatic potential of certain carcinomas. These two proteins are so closely related that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. One of the proteins known to be a target protein for this gene product is p53. Deacetylation of p53 is correlated with a loss of growth inhibition in transformed cells supporting a connection between these gene family members and metastasis. Synonyms: MTA1-L1, MTA1L1, Metastasis-associated 1-like 1, Metastasis-associated protein MTA2, PID, p53 target protein in deacetylase complex

Gene ID: 9219

NCBI Accession: [NP_004730](#)

UniProt: [O94776](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

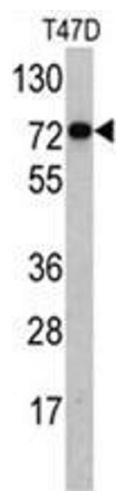
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of PID/MTA2 antibody (C-term) in T47D cell line lysates (35ug/lane). MTA2 (arrow) was detected using the purified Pab.