

PID/MTA2 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10229**Specification**

PID/MTA2 Antibody - Product Information

Application	WB
Primary Accession	O94776
Other Accession	NP_004730
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	75023

PID/MTA2 Antibody - Additional Information**Gene ID 9219**

Application & Usage	Western blotting (1 µg/ml). An approximately 75 kDa band can be detected. HeLa cell lysate can be used as a positive control. No cross-reactivity to MTA1.
---------------------	--

Other Names

MTA2 , PID, MTA1L1, MTA1-L1, DKFZp686F2281

Target/Specificity

PID/MTA2

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) immunopaffinity purified rabbit anti-PID/MTA2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

PID/MTA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PID/MTA2 Antibody - Protein Information

Name MTA2

Synonyms MTA1L1, PID

Function

May function as a transcriptional coregulator (PubMed:16428440, PubMed:28977666). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:16428440, PubMed:28977666).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624, ECO:0000269|PubMed:28977666, ECO:0000269|PubMed:33283408}

Tissue Location

Widely expressed.

PID/MTA2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PID/MTA2 Antibody - Images

PID/MTA2 Antibody - Background

PID/MTA2, also termed MTA1-L1, is a novel molecule that has been found to be involved in p53 pathway. 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.