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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

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. Deacetylastion 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.

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 be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624}

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 Cytomety
- Cell Culture