

PID/MTA2 Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56227

Size: 100 ug IgG in PBS, pH 7.4,
purified by immunoaffinity
chromatography.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 652-668 of human PID/MTA2. This sequence differs from that of mouse by one amino acid.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes human, mouse, and rat PID/MTA2, a subunit of the 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 expressed in a variety of tissues. This antibody does not cross-react with MTA1.

APPLICATIONS

Immunoblotting: use at 0.5-1 ug/ml. In immunoblots, a band of 75 kD is detected.

Positive control: HeLa cell lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.