

Datasheet for ABIN7449600
anti-MTA2 antibody (AA 500-550)



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Overview

Quantity:	100 µg
Target:	MTA2
Binding Specificity:	AA 500-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MTA2 Antibody, Affinity Purified
Immunogen:	between AA 500 and 550
Isotype:	IgG
Predicted Reactivity:	Mouse
Purification:	Affinity Purified

Target Details

Target:	MTA2
Alternative Name:	MTA2 (MTA2 Products)
Background:	Background: MTA2 (metastasis-associated protein 2) is a component of the NuRD

Target Details

(nucleosome remodeling and histone deacetylation) complex. MTA2 is highly similar to MTA1 and was identified as a factor differentially expressed in a carcinoma cell line. MTA2 can repress p53-dependent transcriptional activation by enhancing its deacetylation. MTA1 has also been shown to function as a corepressor for ligand-induced estrogen receptor (ER) transactivation. As part of the NuRD complex MTA2 represses ERalpha transactivation activity by modulating the acetylation status of ERalpha.

Gene ID: 9219

NCBI Accession: [NP_004730](#)

UniProt: [O94776](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: IP: 1 - 4 µg/mg lysate
WB: 1:5,000 - 1:15,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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.

Storage: 4 °C

Expiry Date: 12 months