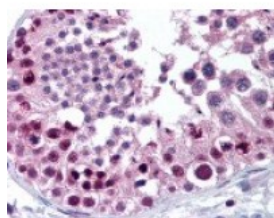




MTA2 Antibody

CATALOG NUMBER: 48-911



Immunohistochemistry staining of MTA2 in testis tissue using MTA2 Antibody.

Specifications

SPECIES REACTIVITY:	Bovine, Chimpanzee, Dog, Human, Monkey, Mouse, Rat, Xenopus
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	MTA2 antibody can be used in ELISA, Western Blot, immunohistochemistry starting at 5 ug/mL, and immunofluorescence starting at 10 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	A portion of amino acids 650-700 of human MTA2.
IMMUNOGEN:	A portion of amino acids 650-700 of human MTA2.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.2% gelatin, 0.05% sodium azide.
STORAGE CONDITIONS:	MTA2 antibody can be stored short term 4 °C. For long term storage aliquot and store at -20 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MTA2, Metastasis-associated 1-like 1, MTA1L1, PID, MTA1-L1, MTA1-L1 protein
ACCESSION NO.:	O94776
PROTEIN GI NO.:	29840793
OFFICIAL SYMBOL:	MTA2
GENE ID:	9219

Background

BACKGROUND:

The p53 tumor-suppressor gene integrates numerous signals that control cell life and death. The transcriptional activity of p53 is modulated by protein stability and acetylation. PID/MTA2, also termed MTA1-L1, was found to be a subunit of 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 ubiquitously expressed in human tissues.

FOR RESEARCH USE ONLY

December 13, 2016