

Rabbit anti-Human, mouse PID/MTA2 Polyclonal Antibody | anti-MTA2 antibody

PID/MTA2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287022	Rabbit	Human, mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

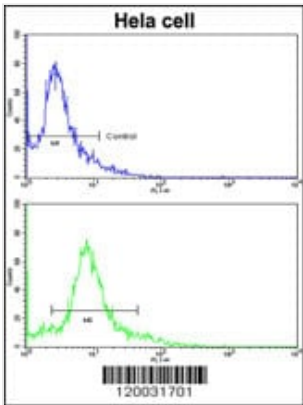
PRODUCT SYNONYMS

PID/MTA2; Polyclonal Antibody; PID/MTA2 Antibody (C-term); Metastasis-associated protein MTA2; Metastasis-associated 1-like 1; MTA1-L1 protein; p53 target protein in deacetylase complex; MTA2; MTA1L1; PID; anti-MTA2 antibody

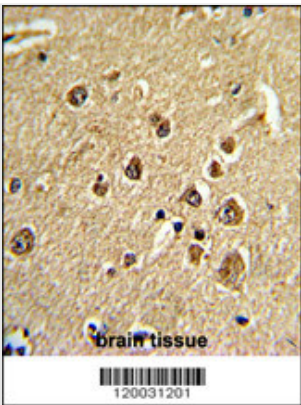
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PID/MTA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 516-544 amino acids from the C-terminal region of human PID/MTA2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	516-544
Sequence Length	668
Applicable Applications for anti-MTA2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

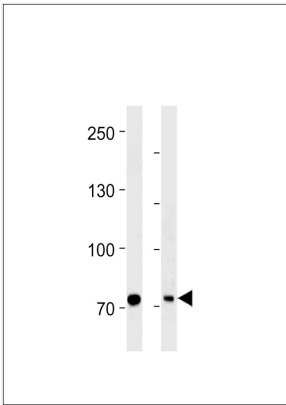
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of hela cells using PID/MTA2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with PID/MTA2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
PID/MTA2 Antibody (C-term) western blot analysis in HeLa cell line and mouse brain tissue lysates (35ug/lane).This demonstrates the PID/MTA2 antibody detected the PID/MTA2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MTA2 antibody	MTA2 is a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly expressed in many tissues. It may represent one member of a small family of different but related proteins involved either directly or indirectly in transcriptional regulation. Their indirect effects on transcriptional regulation may include chromatin remodeling. It is closely related to another member of this family, a protein that has been correlated with the metastatic potential of certain carcinomas. These two proteins are so closely related that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. One of the proteins known to be a target protein for this gene product is p53. Deacetylation of p53 is correlated with a loss of growth inhibition in transformed cells supporting a connection between these gene family members and metastasis.
Product Categories/Family for anti-MTA2 antibody	Crown Antibodies
References	Cui,Y., Mol. Endocrinol. 20 (9), 2020-2035 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141170
NCBI GeneID	9219

NCBI Accession #	NP_004730.2
NCBI GenBank Nucleotide #	NM_004739.3
UniProt Accession #	O94776; Q68DB1; Q9UQB5
Molecular Weight	75023
NCBI Official Full Name	metastasis-associated protein MTA2
NCBI Official Synonym Full Names	metastasis associated 1 family, member 2
NCBI Official Symbol	MTA2
NCBI Official Synonym Symbols	PID; MTA1L1
NCBI Protein Information	metastasis-associated protein MTA2
UniProt Protein Name	Metastasis-associated protein MTA2
UniProt Gene Name	MTA2
UniProt Synonym Gene Names	MTA1L1; PID; MTA1-L1 protein
UniProt Entry Name	MTA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pid-mta2-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/287022>