

Rabbit MTA2/PID Polyclonal Antibody | anti-MTA2 antibody

Anti-MTA2/PID Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125463	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

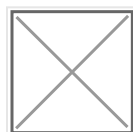
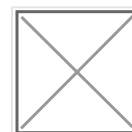
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	668
Applicable Applications for anti-MTA2 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human MTA2/PID recombinant protein (Position: M1-D668).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


WB (Western Blot)

Figure 1. Western blot analysis of MTA2 using anti-MTA2 antibody.


IHC (Immunohistochemisry)

IF (Immunofluorescence)

FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-MTA2 antibody	Description: Rabbit IgG polyclonal antibody for MTA2/PID detection. Tested with WB, IHC-P, ICC/IF, FCM, Direct ELISA in Human; Mouse; Rat. Background: Metastasis-associated protein MTA2 is a protein that in humans is encoded by the MTA2 gene. It is mapped to 11q12.3. This gene encodes 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 gene family that encode 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.
References	1. Cui, Q., Matsusue, K., Toh, Y., Kono, A., Takiguchi, S. Assignment of the metastasis-associated gene (Mta1) to mouse chromosome band 12F and the metastasis-associated gene 2 (Mta2) to mouse chromosome band 19B by fluorescence in situ hybridization. Cytogenet. Cell Genet. 94: 246-247, 2001. 2. Futamura, M., Nishimori, H., Shiratsuchi, T., Saji, S., Nakamura, Y., Tokino, T. Molecular cloning, mapping, and characterization of a novel human gene, MTA1-L1, showing homology to a metastasis-associated gene, MTA1. J. Hum. Genet. 44: 52-56, 1999. 3. Luo, J., Su, F., Chen, D., Shiloh, A., Gu, W. Deacetylation of p53 modulates its effect on cell growth and apoptosis. Nature 408: 377-381, 2000.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29840793
NCBI GeneID	9219
UniProt Accession #	O94776
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/mta2-pid-antibody-direct-elisa-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/125463>