

Rabbit anti-Human, Mouse MTA2 Polyclonal Antibody | anti-MTA2 antibody

MTA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310430	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

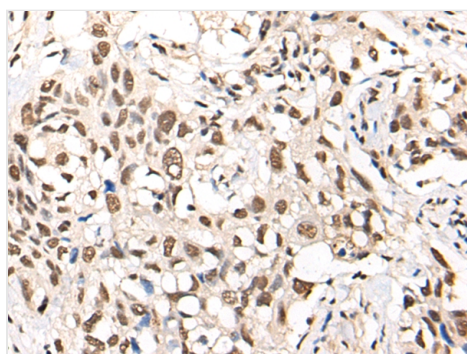
PRODUCT SYNONYMS

MTA2; Polyclonal Antibody; MTA2 Antibody; PID; MTA1L1; anti-MTA2 antibody

PRODUCT SPECIFICATIONS

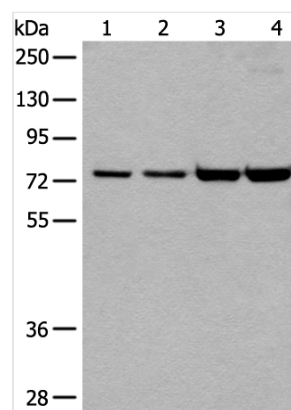
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total MTA2 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	668
Applicable Applications for anti-MTA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human MTA2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46616(MTA2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg/lane, Lane 1-4: NIH/3T3A431293T and HeLa cell lysates, Primary antibody: 46616(MTA2 Antibody) at dilution 1/400 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-MTA2 antibody	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.
Product Categories/Family for anti-MTA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141170
NCBI GeneID	9219
NCBI Accession #	NP_004730
NCBI GenBank Nucleotide #	NM_004739.3
UniProt Accession #	O94776; Q68DB1; Q9UQB5
Molecular Weight	75 kDa
NCBI Official Full Name	metastasis-associated protein MTA2 isoform 1
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

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-antibody-immunohistochemistry-western-blot-elisa/310430>