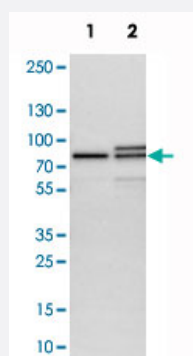


MTA2 polyclonal antibody

Catalog # PAB20342 Size 100 uL

Applications

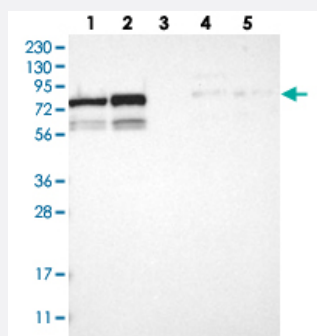


Western Blot (Cell lysate)

Western blot analysis of cell lysates with MTA2 polyclonal antibody (Cat # PAB20342) at 1:250-1:500 dilution.

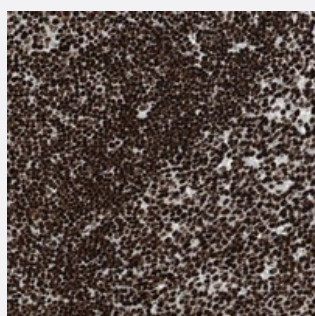
Lane 1 : NIH/3T3

Lane 2 : NBT-II



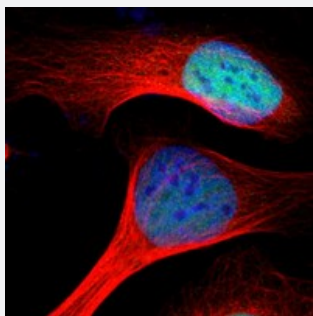
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with MTA2 polyclonal antibody (Cat # PAB20342) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human lymph node with MTA2 polyclonal antibody (Cat # PAB20342) shows strong nuclear positivity in reaction center cells and lymphoid cells outside reaction center at 1:200-1:500 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with MTA2 polyclonal antibody (Cat # PAB20342) at 1-4 ug/mL dilution shows positivity in nuclei but not nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MTA2.
Immunogen	Recombinant protein corresponding to amino acids of human MTA2.
Sequence	ECSIRLPKAAKTPLKIHPLVRLPLATIVKDLVAQAPLKPKTPRGTKTPINRNQLSQNRGLGGIMVKRAYETMAGAGVPFSANGRPLASGIRSSSQPAKRQKLN PADAPNPVVFVATKDTRALRKALTHLEMRRAARRPNLPLKVKPT
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of cell lysates with MTA2 polyclonal antibody (Cat # PAB20342) at 1:250-1:500 dilution.

Lane 1 : NIH/3T3

Lane 2 : NBT-II

- Western Blot

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Gene Info — MTA2

Entrez GeneID [9219](#)

Protein Accession# [O94776](#)

Gene Name MTA2

Gene Alias DKFZp686F2281, MTA1L1, PID

Gene Description metastasis associated 1 family, member 2

Omim ID [603947](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a protein that has been identified as a component of NuRD, a nucleosome re modeling 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. [provided by RefSeq]

Other Designations

metastasis -associated gene 1-like 1|metastasis associated gene family, member 2|metastasis-associated 1-like 1|metastasis-associated protein 2
