

MTA2 Antibody (aa52-8)
Rabbit Polyclonal Antibody
Catalog # ALS11478**Specification**

MTA2 Antibody (aa52-8) - Product Information

Application	ICC, IF, WB, IHC
Primary Accession	O94776
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75kDa KDa

MTA2 Antibody (aa52-8) - Additional Information**Gene ID** 9219**Other Names**

Metastasis-associated protein MTA2, Metastasis-associated 1-like 1, MTA1-L1 protein, p53 target protein in deacetylase complex, MTA2, MTA1L1, PID

Target/Specificity

Raised against a synthetic peptide corresponding to amino acids 652 to 668 of human PID, which differ from the mouse sequence by one amino acid. No cross response to MTA1.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

MTA2 Antibody (aa52-8) is for research use only and not for use in diagnostic or therapeutic procedures.

MTA2 Antibody (aa52-8) - Protein Information**Name** MTA2**Synonyms** MTA1L1, PID**Function**

May function as a transcriptional coregulator (PubMed:16428440, PubMed:28977666). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:16428440, PubMed:28977666).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624, ECO:0000269|PubMed:28977666, ECO:0000269|PubMed:33283408}

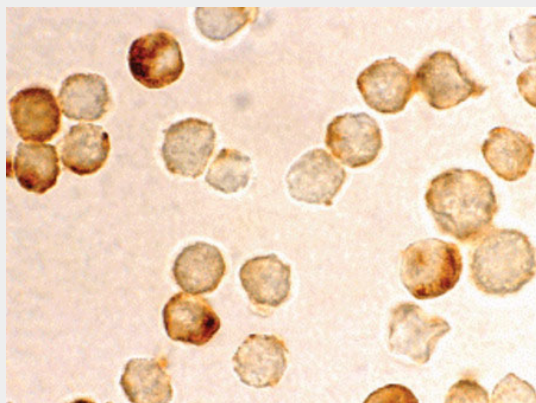
Tissue Location

Widely expressed.

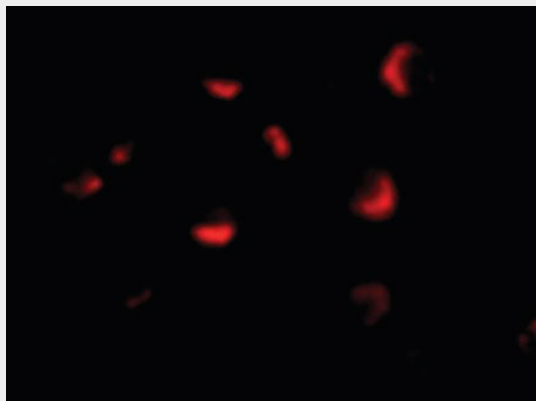
MTA2 Antibody (aa52-8) - Protocols

Provided below are standard protocols that you may find useful for product applications.

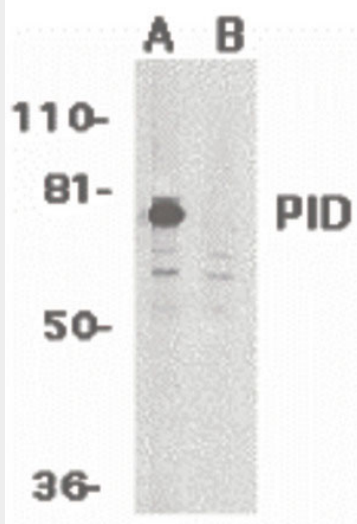
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTA2 Antibody (aa52-8) - Images

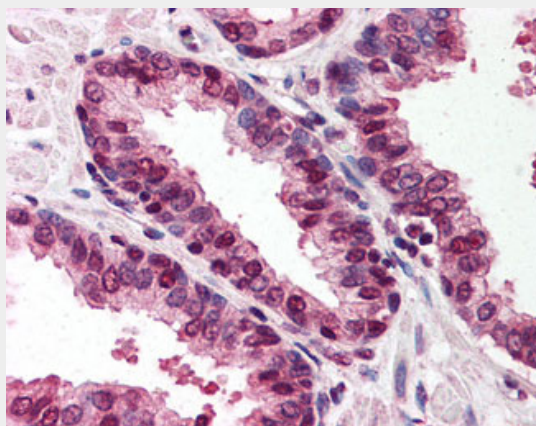
Immunocytochemistry staining of HeLa using PID antibody at 10 ug/ml.



Immunofluorescence of PID in HeLa cells with PID antibody at 10 ug/ml.



Western blot of PID expression in HeLa whole cell lysates in the absence (A) or presence (B) of...



Anti-MTA2 antibody IHC of human prostate.

MTA2 Antibody (aa52-8) - Background

May be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins.

MTA2 Antibody (aa52-8) - References

- Futamura M.,et al.J. Hum. Genet. 44:52-56(1999).
- Luo J.,et al.Nature 408:377-381(2000).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).
- Taylor T.D.,et al.Nature 440:497-500(2006).