ARG43190
anti-MTA2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MTA2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-Fr, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MTA2
Species	Human
Immunogen	A 17-amino acid peptide within the last 50 amino acids of Human MTA2.
Conjugation	Un-conjugated
Alternate Names	p53 target protein in deacetylase complex; MTA1L1; PID; Metastasis-associated protein MTA2; Metastasis-associated 1-like 1; MTA1-L1 protein

Application Instructions

Application table

Application	Dilution
ICC/IF	10 µg/ml
IHC-Fr	2.5 µg/ml
IHC-P	2.5 µg/ml
WB	1 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HeLa
Observed Size	~ 75 kDa

Properties

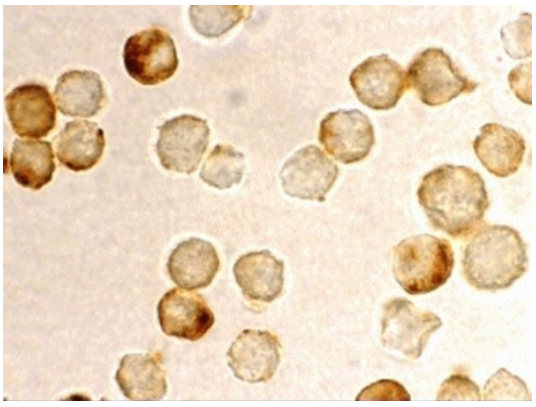
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

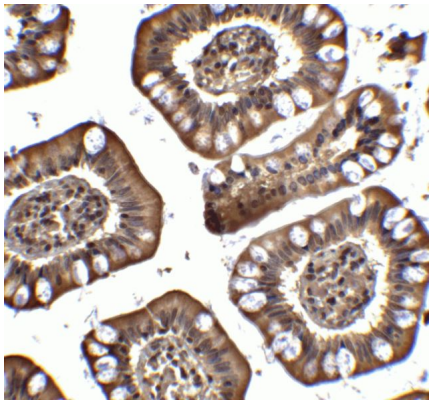
Gene Symbol	MTA2
Gene Full Name	metastasis associated 1 family, member 2
Background	This gene encodes a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly 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. [provided by RefSeq, May 2011]
Function	May be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins. [UniProt]
Calculated Mw	75 kDa
Cellular Localization	Nucleus. [UniProt]

Images



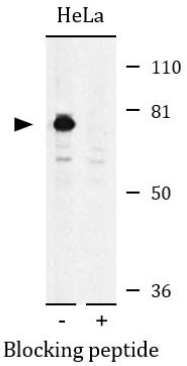
ARG43190 anti-MTA2 antibody ICC image

Immunocytochemistry: HeLa cells stained with ARG43190 anti-MTA2 antibody at 10 µg/ml dilution.



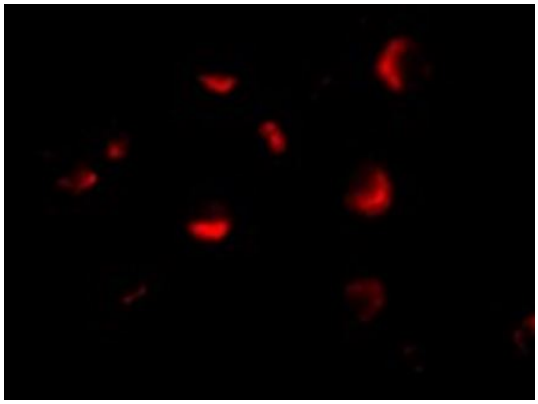
ARG43190 anti-MTA2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue stained with ARG43190 anti-MTA2 antibody at 2.5 µg/ml dilution.



ARG43190 anti-MTA2 antibody WB image

Western blot: HeLa whole cell lysate stained with ARG43190 anti-MTA2 antibody at 1 µg/ml dilution, in the absence (left) or presence of blocking peptide (right).



ARG43190 anti-MTA2 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG43190 anti-MTA2 antibody at 10 µg/ml dilution.