

Rabbit anti-Human MTA3 Polyclonal Antibody | anti-MTA3 antibody

MTA3 Antibody

CATALOG # AAA309291	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

MTA3; Polyclonal Antibody; MTA3 Antibody; anti-MTA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MTA3 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.4mg/ml (varies by lot)
Sequence Length	537
Applicable Applications for anti-MTA3 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human MTA3
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 breast cancer tissue using MTA3 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MTA3 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-MTA3 antibody	Metastasis-associated protein 3 (MTA3) is a subunit of the Mi-2/NuRD transcriptional corepressor complex. MTA3 and the Mi-2/NuRD complex mediate repression of Snail in breast cancer cells where MTA3 works to maintain a differentiated, epithelial status. The protein is involved in gene expression regulation by covalent modifications of histone proteins. There are two known isoforms of MTA3, a short and a long form. The short isoform binds to ER and sequesters it to the cytoplasm and betters non-genomic responses, whereas the long form is found in the nucleus. MTA3 is widely expressed with highest expression in brain, adrenal glands, ovaries and virgin mammary glands. It has been found to be expressed in higher levels in tumors than in adjacent normal tissue in the same individual. Plays a role in maintenance of the normal epithelial architecture through the repression of SNAI1 transcription in a histone deacetylase-dependent manner, and thus the regulation of E-cadherin levels. Contributes to transcriptional repression by BCL6.
Product Categories/Family for anti-MTA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	544346104
NCBI GeneID	57504
NCBI Accession #	NP_001269684.1
NCBI GenBank Nucleotide #	NM_001282755.1
UniProt Accession #	Q9BTC8; Q9NSP2; Q9ULF4
Molecular Weight	58,814 Da
NCBI Official Full Name	metastasis-associated protein MTA3 isoform a
NCBI Official Synonym Full Names	metastasis associated 1 family member 3
NCBI Official Symbol	MTA3
NCBI Protein Information	metastasis-associated protein MTA3
UniProt Protein Name	Metastasis-associated protein MTA3
UniProt Gene Name	MTA3
UniProt Synonym Gene Names	KIAA1266
UniProt Entry Name	MTA3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mta3-antibody-immunohistochemistry-elisa/309291>