MTA1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTA1, Polyclonal Antibody
Full Product Name	MTA1 (Metastasis-associated Protein MTA1) (MaxLight 490)
Product Gene Name	anti-MTA1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MTA1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human MTA1, aa1-255 (AAH06177.1).
Immunogen Sequence	MKTRQAFYLHTTKLTRIARRLCREILRPWHAARHPYLPINSAAIKAECTARLPEASQSPLVLKQAVRKPLEAVLRYLETHPRPPKPDPVKSVSSVLSSLTPAI
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-MTA1 antibody	Antibodies; Apoptosis
Applications Tested/Suitable for anti-MTA1 antibody	Western Blot (WB)
Application Notes for anti-MTA1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MTA1 antibody	May be involved in the regulation of gene expression by covalent modification of histone proteins. Isoform Long is a corepressor of estrogen receptor (E
Other Notes	Small volumes of anti-MTA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for MTA1 purchase	MBS6386056 is an antibody targeting MTA1. Also known as MTA1 (Metastasis-associated Protein MTA1) (MaxLight 490). Reactive in Human. Host: R

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTA1. It may not necessarily be applicable to this product.

NCBI GI #	13544097
NCBI GeneID	9112
NCBI Accession #	BC006177.1
NCBI Related Accession #	AAH06177.1
UniProt Related Accession #	Q13330
NCBI Official Full Name	Homo sapiens metastasis associated 1, mRNA
NCBI Official Synonym Full Names	metastasis associated 1
NCBI Official Symbol	MTA1
Protein Family	Mating type protein
NCBI Protein Information	metastasis-associated protein MTA1
NCBI Summary for MTA1	This gene encodes a protein that was identified in a screen for genes expressed in metastatic cells, specifically, mammary adenocarcinoma cell lines. Expression of this gene has been correlated with the metastatic potential of at least two types of carcinomas although it is also expressed in many normal tissues. The role it plays in metastasis is unclear. It was initially thought to be the 70kD component of a nucleosome remodeling deacetylase complex, NuRD, but it is more likely that this component is a different but very similar protein. These two proteins are so closely related, though, 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. The profile and activity of this gene product suggest that it is involved in regulating transcription and that this may be accomplished by chromatin remodeling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]
Research Articles on MTA1	**1.** Upregulation of MTA1 expression by human papillomavirus infection promotes cisplatin resistance in cervical cancer cells via modulation of NF-kappaB/APOBEC3B cascade
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