

Datasheet for ABIN7268485
anti-MTA1 antibody (AA 600-700)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MTA1
Binding Specificity:	AA 600-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MTA1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 600-700 of human MTA1 (NP_004680.2).
Sequence:	LMPSRGLANH GQARHMGPSR NLLNGKSYT TKVRLIRGGS LPPVKRRRMN WIDAPDDVFY MATEETRKIR KLLSSSETKR AARRPYKPPIA LRQSQALPPR P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

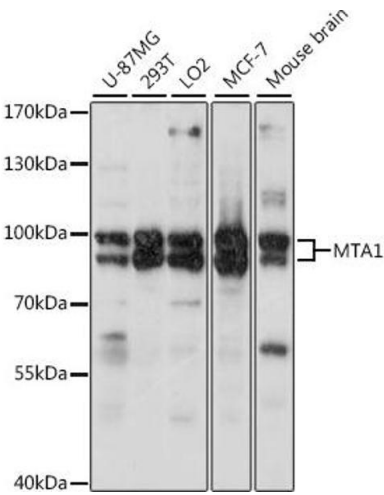
Target:	MTA1
Alternative Name:	MTA1 (MTA1 Products)
Background:	<p>This gene encodes a protein that was identified in a screen for genes expressed in metastatic cells, specifically, mammary adenocarcinoma cell lines. Expression of this gene has been correlated with the metastatic potential of at least 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.,MTA1,Epigenetics & Nuclear Signaling,MTA1</p>
Molecular Weight:	49kDa/79kDa/80kDa
Gene ID:	9112
UniProt:	Q13330
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MT antibody (6085) at 1:2080 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.