

DATASHEET

MTA3 Rabbit Polyclonal Antibody

CAT. NO. APA12956

KEY FEATURES

Target	MTA3	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin . 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to MTA3
Specificity	Recognizes endogenous levels of MTA3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MTA3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 58; Observed: 65 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1266; Metastasis-associated protein MTA3
Gene Symbol	MTA3
Entrez Gene	57504(Human); 116871(Mouse)
SwissProt	Q9BTC8(Human); Q924K8(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

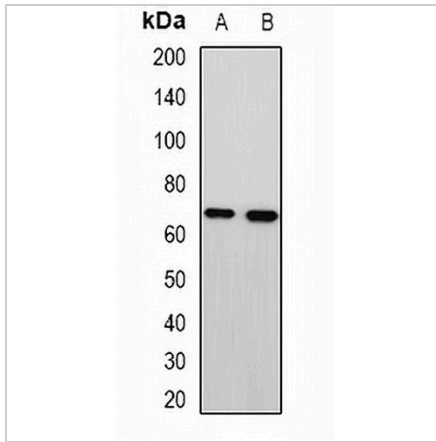
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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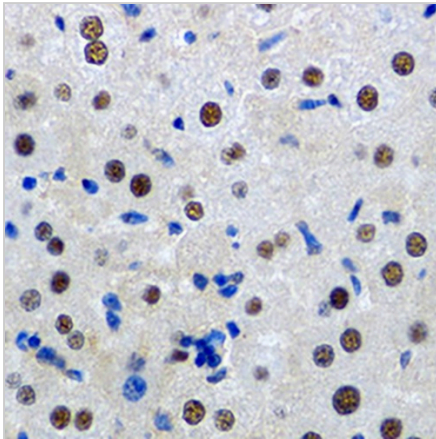
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DATA



Western blot analysis of MTA3 expression in HepG2 (A), A549 (B) whole cell lysates. (Predicted band size: 58; 67 kD; Observed band size: 65 kD)



Immunohistochemical analysis of MTA3 staining in rat liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.