

Product Datasheet

MTA1 Antibody NB100-823

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-823**MTA1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	9112
Gene Symbol	MTA1
Species	Human
Specificity/Sensitivity	Immunizing peptide was designed based on NP_004680.1. The version changed to NP_004680.2 and no longer matches with the peptide.
Immunogen	Peptide with sequence C-PGDVFYMPKE corresponding to internal region (near C-Terminus) according to AAA78935.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 75 kDa band observed in human placenta lysates (calculated MW of 80.8 kDa band according to NP_004680.1). IHC: Paraffin embedded Human Testis and Adrenal Gland.

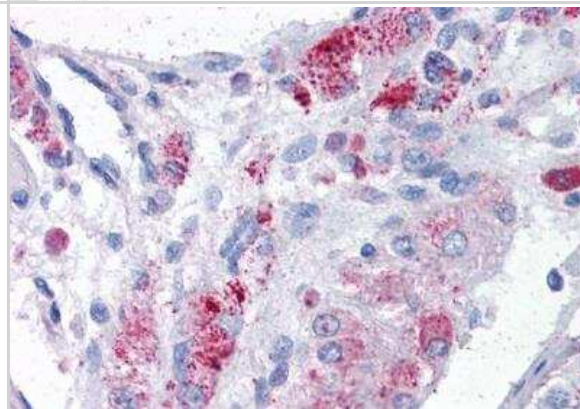


Images

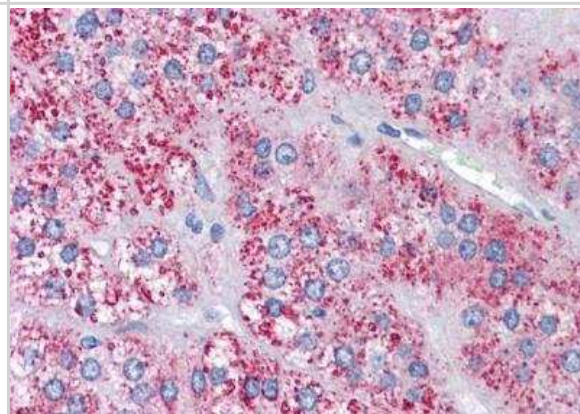
Western Blot: MTA1 Antibody [NB100-823] - Staining of Human Placenta lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: MTA1 Antibody [NB100-823] - Staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: MTA1 Antibody [NB100-823] - Staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

V Sharma, M Makhdoomi, L Singh, P Kumar, N Khan, S Singh, HN Verma, K Luthra, S Sarkar, D Kumar Trehalose limits opportunistic mycobacterial survival during HIV co-infection by reversing HIV-mediated autophagy block Autophagy, 2020-02-20;0(0):1-20. 2020-02-20 [PMID: 32079455]

Toh Y, Pencil SD, Nicolson GL. A novel candidate metastasis-associated gene, mta1, differentially expressed in highly metastatic mammary adenocarcinoma cell lines. cDNA cloning, expression, and protein analyses. J Biol Chem 1994-09-16 [PMID: 8083195]



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Products Related to NB100-823

NB820-59248	Human Placenta Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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