

Datasheet for ABIN184623

anti-MTA1 antibody (Internal Region)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MTA1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MTA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	MTA1
Immunogen:	Peptide with sequence C-PGDVFYMPKE, from the internal region (near the C Terminus) of the protein sequence according to AAA78935.1.
Sequence:	PGDVFYMPKE
Isotype:	IgG
Specificity:	Immunizing peptide was designed based on NP_004680.1. The version changed to NP_004680.2 and no longer matches with the peptide.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: MTA1

Alternative Name: MTA1 ([MTA1 Products](#))

Background: MTA1, metastasis associated 1, metastasis associated gene 1, metastasis associated gene 1 protein, metastasis associated protein

Gene ID: 9112

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Testis and Adrenal Gland. Recommended concentration: 3.75 µg/mL.
Western Blot: Approx 75 kDa band observed in Human Placenta lysates (calculated MW of 80.8 kDa according to NP_004680.1). Recommended concentration: 0.03-0.1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

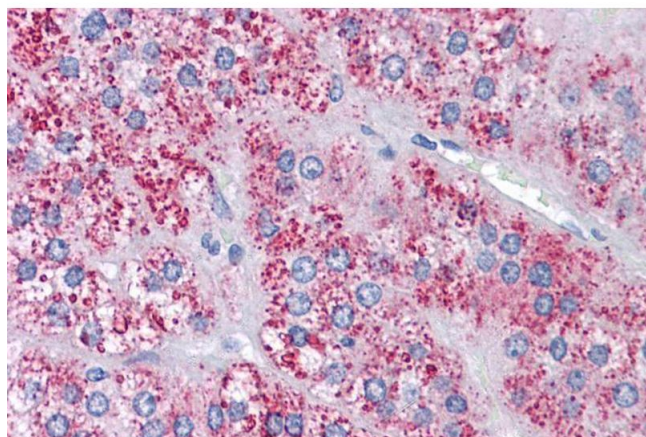
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



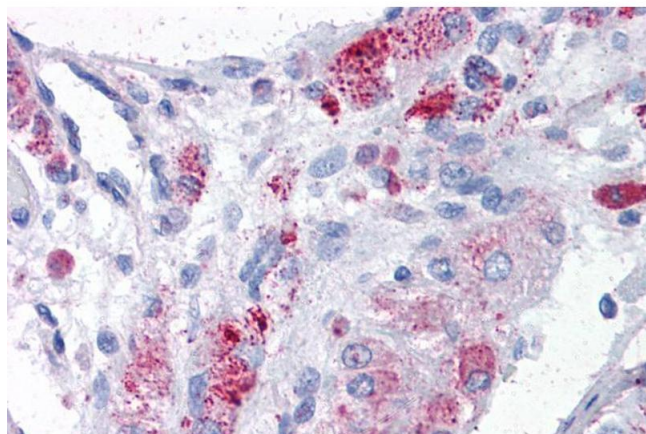
Immunohistochemistry

Image 1. ABIN184623 (3.75µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN184623 staining (0.03µg/ml) of Human Placenta lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN184623 (3.75µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.