

## Goat anti-MTA1 Antibody

Item Number	dAP-0348
Target Molecule	Principle Name: MTA1; Official Symbol: MTA1; All Names and Symbols: MTA1; metastasis associated 1; metastasis associated gene 1; metastasis associated gene 1 protein; metastasis associated protein; Accession Number (s): AAA78935.1; Human Gene ID(s): 9112; Non-Human GenelD(s):
Immunogen	PGDVFYMPKE, is from internal region (near the C Terminus) Immunizing peptide was designed based on NP_004680.1. The version changed to NP_004680.2 and no longer matches with the peptide.
Applications	Pep ELISA, WB, IHC  Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 75kDa band observed in Human Placenta lysates (calculated MW of 80.8kDa according to NP_004680.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Testis and Adrenal Gland. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): 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. <i>J Biol Chem.</i> 1994 Sep 16;269(37):22958-63.. PMID: 8083195->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**