

Goat anti-MMP7 Antibody

Item Number	dAP-0699
Target Molecule	Principle Name: MMP7; Official Symbol: MMP7; All Names and Symbols: MMP7; matrix metalloproteinase 7 (matrilysin, uterine); HGNC:7174; MMP-7; MPSL1; PUMP-1; matrin; matrix metalloproteinase 7; uterine matrilysin; matrix metalloproteinase 7; Accession Number (s): NP_002414.1; Human Gene ID(s): 4316; Non-Human GeneID(s):
Immunogen	QKLYGKRSNSRKK, is from C Terminus
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 64000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Breast, Ovary and Placenta lysates (calculated MW of 29.7kDa according to NP_002414.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Uterus shows basal staining of an endometrial gland. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Li YJ, Wei ZM, Meng YX, Ji XR. beta-catenin up-regulates the expression of cyclinD1, c-myc and MMP-7 in human pancreatic cancer: Relationships with carcinogenesis and metastasis. World J Gastroenterol. 2005 Apr 14;11(14):2117-23. PMID: 15810077 ->

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**