



Goat anti-MMP3 (aa459-473) Antibody

Item Number	dAP-2711
Target Molecule	Principle Name: MMP3 (aa459-473); Official Symbol: MMP3; All Names and Symbols: MMP3; matrix metalloproteinase 3 (stromelysin 1, progelatinase); CHDS6; MGC126102; MGC126103; MGC126104; MMP-3; SL-1; STMY; STMY1; STR1; OTTHUMP0000045949; matrix metalloproteinase 3 (stromelysin 1, progelatinase); matrix metalloproteinase-3; proteoglycan; Accession Number (s): NP_002413.1; Human Gene ID(s): 4314; Non-Human GeneID(s):
Immunogen	DPNAKKVTHLKSNS, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 128000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Prostate and approx. 60kDa band in Mouse Eye lysates (calculated MW of 54.0 kDa according to Human NP_002413.1 and Mouse NP_034939.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown
IHC	
Reference	Reference(s): Ni Z, Bikadi Z, Shuster DL, Zhao C, Rosenberg MF, Mao Q. Identification of proline residues in or near the transmembrane helices of the human breast cancer resistance protein (BCRP/ABCG2) that are important for transport activity and substrate specificity. Biochemistry. 2011 Sep 20;50(37):8057-

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**