

Goat anti-ADAM19 Antibody

Item Number	dAP-3048
Target Molecule	Principle Name: ADAM19; Official Symbol: ADAM19; All Names and Symbols: ADAM19; ADAM metallo-peptidase domain 19; MADDAM; MLTNB; ADAM 19; a disintegrin and metalloproteinase domain 19 (meltrin beta); disintegrin and metalloproteinase domain-containing protein 19; meltrin beta; meltrin-beta; metalloprotease and disintegrin dend; Accession Number (s): NP_150377.1; Human Gene ID(s): 8728; Non-Human GeneID(s):
Immunogen	KIQCQSSEARPLESN, is from internal region
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 128000.
Western Blot	Western Blot: Approx 125kDa band observed in Human Spleen lysates (calculated MW of 101kDa according to NP_150377.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.
Reference	Reference(s): Yoshikawa A, Aizaki Y, Kusano K, Kishi F, Susumu T, Iida S, Ishiura S, Nishimura S, Shichiri M, Senbonmatsu T. The (pro)renin receptor is cleaved by ADAM19 in the Golgi leading to its secretion into extracellular space. Hypertension research : official journal of the Japanese Society of Hypertension 2011

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**