

Goat anti-ADAMTS8 (aa176-185) Antibody

Item Number	dAP-2050
Target Molecule	Principle Name: ADAMTS8 (aa176-185); Official Symbol: ADAMTS8; All Names and Symbols: ADAMTS8; ADAM metallopeptidase with thrombospondin type 1 motif, 8; ADAM-TS8; FLJ41712; METH2; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 8; Accession Number (s): NP_008968.4; Human Gene ID(s): 11095; Non-Human GeneID(s):
Immunogen	RQERGDHQED, is from internal region
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum), Heart, Kidney, Lung, Skeletal Muscle and Placenta lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people.
IHC	
Reference	Reference(s): Wågsäter D, Björk H, Zhu C, Björkegren J, Valen G, Hamsten A, Eriksson P. ADAMTS-4 and -8 are inflammatory regulated enzymes expressed in macrophage-rich areas of human atherosclerotic plaques. Atherosclerosis 2008 Feb 196 (2): 514-22..PMID: 17606262->

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**