

Goat anti-ADAM33 Antibody

Item Number	dAP-0665
Target Molecule	Principle Name: ADAM33; Official Symbol: ADAM33; All Names and Symbols: ADAM33; a disintegrin and metalloproteinase domain 33; HGNC:15478; DJ964F7.1; DKFZp434K0521; FLJ35308; FLJ36751; MGC71889; a disintegrin and metalloprotease 33; disintegrin and reprelysin metalloproteinase family protein; metalloprotease disintegrin; ADAM; Accession Number (s): NP_079496.1; Human Gene ID(s): 80332; Non-Human GeneID(s):
Immunogen	CQSRRCRKNAFQEL, is from internal region This antibody is expected to recognise isoform alpha (NP_079496.1) and not isoform beta (NP_694882.1).
Applications	Pep ELISA, WB 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: Experiments gave bands at approx 80-90kDa and strong ladder from 26 to 38kDa in Human Prostate lysates after 0.3µg/ml antibody staining. The observation of multiple bands and the 38 kDa band correspond to earlier findings in literature with
IHC	
Reference	Reference(s): Blakey J, Halapi E, Bjornsdottir US, Wheatley A, Kristinsson S, Upmanyu R, Stefansson K, Hakonarson H, Hall IP. Contribution of ADAM33 polymorphisms to the population risk of asthma. Thorax. 2005 Apr;60(4):274-6. .PMID: 15790980 ->

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 end users! This product is sold for **Research Use Only**