

Goat anti-ADAM17 / TACE Antibody

Item Number	dAP-0376
Target Molecule	Principle Name: ADAM17 / TACE; Official Symbol: ADAM17; All Names and Symbols: ADAM17; TACE; a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme); CSVp; cSVP; CD156b; CD156b; MGC71942; TACE; cSVPADAM metalloproteinase domain 17; TNF-alpha converting enzyme; a disintegrin and metalloproteinase; Accession Number (s): NP_003174.3; Human Gene ID (s): 6868; Non-Human GeneID(s): 11491 (mouse)
Immunogen	LQRQNRVDSKETEC, is from C Terminus This antibody is expected to recognise isoform 1 (represented by NP_003174.3) and not isoform 2 (represented by NP_068604).
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 100kDa band observed in Human Testis lysates and approx 125kDa in lysates of cell lines Daudi, HeLa and Jurkat (calculated MW of 93.0kDa according to NP_003174.3). The observed molecular weights correspond to earlier findings in literature
IHC	Immunohistochemistry: Paraffin embedded Human Skin and Thyroid. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Black RA, Rauch CT, Kozlosky CJ, Peschon JJ, Slack JL, Wolfson MF, Castner BJ, Stocking KL, Reddy P, Srinivasan S, Nelson N, Boiani N, Schooley KA, Gerhart M, Davis R, Fitzner JN, Johnson RS, Paxton RJ, March CJ, Cerretti DP A metalloproteinase disintegrin that releases tumour-necrosis factor-

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**