

Goat anti-Tgm6 (mouse) Antibody

Item Number	dAP-2511
Target Molecule	Principle Name: Tgm6 (mouse); Official Symbol: Tgm6; All Names and Symbols: Tgm6; transglutaminase 6; RP23-20A6.2; A030011P16; TGM3L; TGY; OTTMUSP00000016517; protein-glutamine gamma-glutamyltransferase 6; Accession Number (s): NP_808394.1; NP_001276676.1; Human Gene ID(s): 343641; Non-Human GeneID(s): 241636 (mouse) 296152 (rat)
Immunogen	DKYVDSYGRLED, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_808394.1; NP_001276676.1). Variants NP_001276676.1, NP_001276677.1 and NP_001276678.1 represent identical protein.
Applications	Pep ELISA, WB Species Tested: Rat
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 16000.
Western Blot	Western Blot: Approx 75kDa band observed in Rat Lung lysates (calculated MW of 79.3kDa according to Mouse NP_945345.2 and 80.4kDa according to Rat XP_230601.5). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Wang JL, Yang X, Xia K, Hu ZM, Weng L, Jin X, Jiang H, Zhang P, Shen L, Guo JF, Li N, Li YR, Lei LF, Zhou J, Du J, Zhou YF, Pan Q, Wang J, Wang J, Li RQ, Tang BS. TGM6 identified as a novel causative gene of spinocerebellar ataxias

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**