

## Goat anti-Tgm6 (mouse) Antibody

<b>Item Number</b>	dAP-2511
<b>Target Molecule</b>	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)
<b>Immunogen</b>	DKYVDSYGRTLED, 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.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**