

## Goat anti-Tfb2m (mouse) Antibody

<b>Item Number</b>	dAP-2412
<b>Target Molecule</b>	Principle Name: Tfb2m (mouse); Official Symbol: Tfb2m; All Names and Symbols: Tfb2m; transcription factor B2, mitochondrial; Hkp1; OTTMUSP00000025719; S-adenosylmethionine-6-N', N'-adenosyl(rRNA) dimethyltransferase 2; dimethyladenosine transferase 2, mitochondrial; house-keeping protein 1; mTFB2M; mitochondrial 12S rRNA dimethylas; Accession Number (s): NP_032275.2; Human Gene ID(s): ; Non-Human GeneID(s): 15278 (mouse) 289307 (rat)
<b>Immunogen</b>	RNLVRDLLEHQNPS, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse, 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 4000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in Mouse and Rat Lung lysates (calculated MW of 45.9kDa according to NP_032275.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended
<b>IHC</b>	
<b>Reference</b>	Reference(s): Litonin D, Sologub M, Shi Y, Savkina M, Anikin M, Falkenberg M, Gustafsson CM, Temiakov D. Human mitochondrial transcription revisited: only TFAM and TFB2M are required for transcription of the mitochondrial genes in vitro. J Biol Chem. 2010 Jun 11;285(24):18129-

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**