

## Goat anti-TFB2M Antibody

<b>Item Number</b>	dAP-0356
<b>Target Molecule</b>	Principle Name: TFB2M; Official Symbol: TFB2M; All Names and Symbols: TFB2M; transcription factor B2, mitochondrial; Hkp1; FLJ22661; FLJ23182; hypothetical protein FLJ23182; Accession Number (s): NP_071761.1; Human Gene ID(s): 64216; Non-Human GeneID(s):
<b>Immunogen</b>	CAYKWLYDETLEDR, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<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 128000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 40kDa band in Human Brain lysate at 0.3 ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 46kDa according to
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Falkenberg M, Gaspari M, Rantanen A, Trifunovic A, Larsson NG, Gustafsson CM. Mitochondrial transcription factors B1 and B2 activate transcription of human mtDNA. <i>Nat Genet.</i> 2002 Jul;31 (3):289-94.. PMID: 12068295 ->

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**