

## Goat anti-FTO (Mouse) Antibody

Item Number	dAP-1602
Target Molecule	Principle Name: FTO (Mouse); Official Symbol: Fto; All Names and Symbols: Fto; fat mass and obesity associated; AW743446; mKIAA1752; similar to FTO; Accession Number (s): NP_036066.2; Human Gene ID(s): 79068; Non-Human GenelD(s): 26383 (mouse) 291905 (rat)
Immunogen	QQKPDCRPYWEKDD, is from Internal region
Applications	Pep ELISA, WB 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 60kDa band observed in Human Pancreas lysates (calculated MW of 58.0kDa according to NP_036066.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Gerken T, Girard CA, Tung YC, Webby CJ, Saudek V, Hewitson KS, Yeo GS, McDonough MA, Cunliffe S, McNeill LA, Galvanovskis J, Rorsman P, Robins P, Prieur X, Coll AP, Ma M, Jovanovic Z, Farooqi IS, Sedgwick B, Barroso I, Lindahl T, Ponting CP, Ashcroft FM, The obesity-associated FTO gene

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**