

Goat anti-GPR81 / FKSG80 Antibody

Item Number	dAP-1816
Target Molecule	Principle Name: GPR81 / FKSG80; Official Symbol: GPR81; All Names and Symbols: GPR81; G protein-coupled receptor 81; FKSG80; GPR104; TA-GPCR; G protein-coupled receptor 104; T-cell activation G protein-coupled receptor; putative chemokine receptor; Accession Number (s): NP_115943.1; Human Gene ID(s): 27198; Non-Human GeneID(s):
Immunogen	QQLARQARMKKATR, 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 8000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Liver lysates (calculated MW of 39.3kDa according to NP_115943.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed
IHC	
Reference	Reference(s): Cai TQ, Ren N, Jin L, Cheng K, Kash S, Chen R, Wright SD, Taggart AK, Waters MG, Role of GPR81 in lactate-mediated reduction of adipose lipolysis. Biochemical and biophysical research communications 2008 Dec 377 (3): 987-91..PMID: 18952058->

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**