

## Goat anti-GPR120 Antibody

<b>Item Number</b>	dAP-1576
<b>Target Molecule</b>	Principle Name: GPR120; Official Symbol: GPR120; All Names and Symbols: GPR120; G protein-coupled receptor 120; GPR129; GT01; MGC119984; PGR4; G protein-coupled receptor 129; G protein-coupled receptor PGR4; G-protein-coupled receptor GT01; Accession Number (s): NP_859529.2; Human Gene ID (s): 338557; Non-Human GeneID(s): 107221 (mouse) 294075 (rat)
<b>Immunogen</b>	YSESHQIRVSQQD, is from internal region
<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 16000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Human Colon and Duodenum lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Colon shows specific staining of Lymphoid Aggregates. Recommended concentration: 2-4µg/ml.

<b>Reference</b>	Reference(s): Gotoh C, Hong YH, Iga T, Hishikawa D, Suzuki Y, Song SH, Choi KC, Adachi T, Hirasawa A, Tsujimoto G, Sasaki S, Roh SG. The regulation of adipogenesis through GPR120. Biochem Biophys Res Commun. 2007 Mar 9;354(2):591-7. Epub 2007 Jan 16..PMID: 17250804->
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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**