

## Goat anti-GDF15 Antibody

<b>Item Number</b>	dAP-0694
<b>Target Molecule</b>	Principle Name: GDF15; Official Symbol: GDF15; All Names and Symbols: GDF15; PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15; growth differentiation factor 15; PTGF-beta; prostate differentiation factor; NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1; Accession Number (s): NP_004855.2; Human Gene ID(s): 9518; Non-Human GeneID(s):
<b>Immunogen</b>	QKTDTGVSLQTYDD, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, 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 2000.
<b>Western Blot</b>	Western Blot: Approx 35 kDa band observed in Human Prostate lysates (calculated MW of 34.1kDa according to NP_004855.2). Primary incubation was 1 hour. In transfected HEK293 transiently expressing GDF15 a band of approx 35 kDa is observed. This band is n
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Prostate and Placenta. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Wollmann W, Goodman ML, Bhat-Nakshatri P, Kishimoto H, Goulet RJ Jr, Meharotra S, Morimiya A, Badve S, Nakshatri H. The macrophage inhibitory cytokine integrates AKT/PKB and MAP kinase signaling pathways in breast cancer cells. <i>Carcinogenesis</i> . 2005 Jan 27; [Epub ahead of

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**