

## Goat anti-PLGF Antibody

<b>Item Number</b>	dAP-1902
<b>Target Molecule</b>	Principle Name: PLGF; Official Symbol: PGF; All Names and Symbols: PGF; placental growth factor; D12S1900; PGFL; PLGF; PIGF-2; SHGC-10760; placenta growth factor; placental growth factor, vascular endothelial growth factor-related protein; placental growth factor-like; Accession Number (s): NP_002623.2; Human Gene ID(s): 5228; Non-Human GeneID(s):
<b>Immunogen</b>	NVTMQLLKIRSGDR, is from internal region
<b>Applications</b>	Pep ELISA, WB 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 1000.
<b>Western Blot</b>	Western Blot: Approx 28kDa band observed in Human Placenta lysates (calculated MW of 19.3kDa according to NP_002623.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Cao Y, Ji WR, Qi P, Rosin A, Cao Y. Placenta growth factor: identification and characterization of a novel isoform generated by RNA alternative splicing. Biochem Biophys Res Commun. 1997 Jun 27;235(3):493-8..PMID: 9207183->

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**