
PLGF Rabbit pAb

Catalog Number: bs-0281R

Target Protein: PLGF

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 23 kDa

Entrez Gene: 5228

Swiss Prot: P49763

Source: KLH conjugated synthetic peptide derived from human PLGF: 166-221/221.

Purification: affinity purified by Protein A

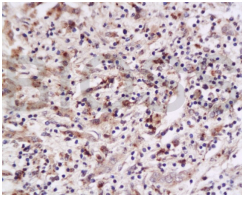
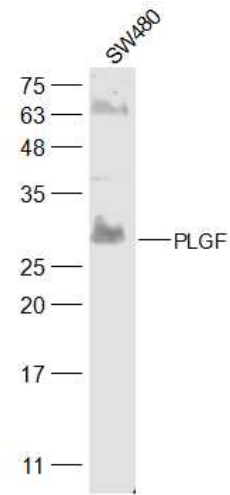
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

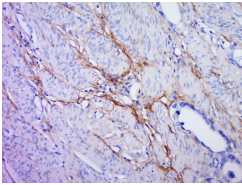
Background: The placental-derived growth factor (PLGF) is a dimeric glycoprotein showing a high degree of sequence similarity to the vascular endothelial growth factor. Alternative splicing of the PLGF primary transcript gives rise to two forms, named PLGF-1 and PLGF-2, which differ only in the insertion of a highly basic 21-amino acid stretch at the carboxyl end. The presence of the PLGF mRNA in thyroid, placenta, lung, and goiter has indicated the tissues where this factor functions. However, the role of PLGF in vascular development has not yet been clearly established.

VALIDATION IMAGES

Sample: SW480(Human) Cell Lysate at 30 ug Primary: Anti-PLGF (bs-0281R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kD Observed band size: 29 kD



Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-PLGF Polyclonal Antibody, Unconjugated (bs-0281R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Human stomach cancer); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Placenta growth factor; PLGF) Polyclonal Antibody, Unconjugated (bs-0281R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.