

Anti-PLGF-2 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV12034**Specification**

Anti-PLGF-2 Antibody - Product Information

Application	WB
Primary Accession	P49763
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Anti-PLGF-2 Antibody - Additional Information**Gene ID 5228**

Application & Usage	WB: recombinant human PLGF-2
Other Names	
Placenta growth factor, PIGF, PGF, PGFL, PLGF	

Target/Specificity
PGF**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
In PBS pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin.**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
Anti-PLGF-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-PLGF-2 Antibody - Protein Information**

Name PGF

Synonyms PGFL, PLGF

Function

Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Isoform PLGF-2 binds NRP1/neuropilin-1 and NRP2/neuropilin-2 in a heparin-dependent manner. Also promotes cell tumor growth.

Cellular Location

Secreted. Note=The three isoforms are secreted but PLGF-2 appears to remain cell attached unless released by heparin

Tissue Location

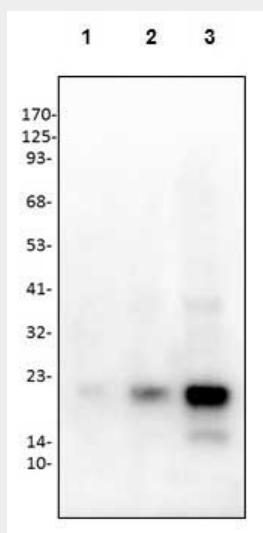
While the three isoforms are present in most placental tissues, PLGF-2 is specific to early (8 week) placenta and only PLGF-1 is found in the colon and mammary carcinomas

Anti-PLGF-2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PLGF-2 Antibody - Images



Western blot of human PLGF-2 antibody: Lane 1: human PLGF-2 10 ng Lane 2: human PLGF-2 50 ng Lane 3: human PLGF-2 200 ng

Anti-PLGF-2 Antibody - Background

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migration. It binds to the receptor FLT1/VEGFR-1. Isoform PlGF-2 binds NRP1/neuropilin-1 and NRP2/neuropilin-2 in a heparin-dependent manner. Also promotes cell tumor growth.