

Rabbit PLGF Polyclonal Antibody | anti-PLGF antibody

RABBIT ANTI HUMAN PLGF

CATALOG # AAA50011	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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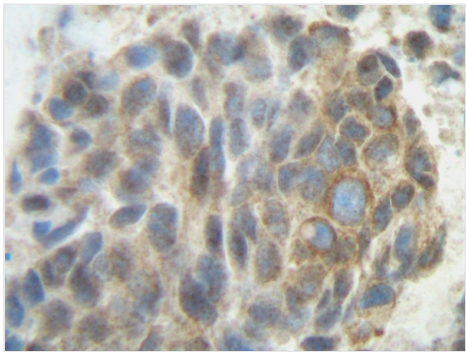
PRODUCT SYNONYMS

PLGF; Polyclonal Antibody; RABBIT ANTI HUMAN PLGF; anti-PLGF antibody

PRODUCT SPECIFICATIONS

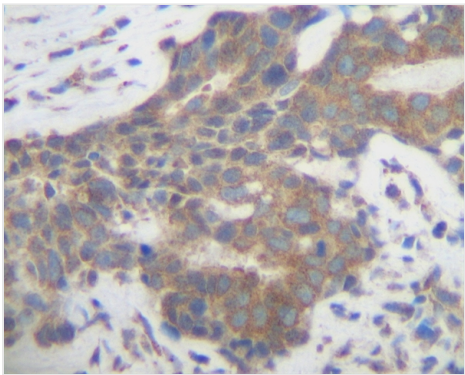
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml after reconstitution (varies by lot)
Sequence Length	149
Applicable Applications for anti-PLGF antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human PLGF were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data

Formalin fixed, paraffin embedded human breast invasive ductal carcinoma stained with Rabbit anti Human PLGF (AAA50011) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)



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ADDITIONAL INFORMATION

Related Product Information for anti-PLGF antibody	Rabbit anti human PIGF antibody recognizes human placental growth factor (PIGF). PIGF is a dimeric glycoprotein and member of the vascular endothelial growth factor (VEGF) family, involved in angiogenesis, and the stimulation of endothelial cell proliferation and migration. The three isoforms PIGF-1, PIGF-2 and PIGF-3 are present in most placental tissues and act through binding to the VEGFR-1/FLT1 receptor. The involvement of PIGF in angiogenesis has made PIGF a focus area in the study of inflammatory diseases such as rheumatoid arthritis and psoriasis, and PIGF is used as a biochemical marker in cardiovascular disease, and also detected at reduced levels during preeclampsia (Krauss et al. 2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333033785
NCBI GeneID	5228
NCBI Accession #	NP_001193941.1
NCBI GenBank Nucleotide #	NM_001207012.1
UniProt Accession #	P49763; Q07101; Q9BV78; Q9Y6S8
Molecular Weight	19,338 Da
NCBI Official Full Name	placenta growth factor isoform 2
NCBI Official Synonym Full Names	placental growth factor
NCBI Official Symbol	PGF
NCBI Official Synonym Symbols	PGFL; PLGF; PIGF-2; D12S1900; SHGC-10760
NCBI Protein Information	placenta growth factor; placental growth factor, vascular endothelial growth factor-related protein
UniProt Protein Name	Placenta growth factor
UniProt Gene Name	PGF
UniProt Synonym Gene Names	PGFL; PLGF; PIGF
UniProt Entry Name	PLGF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.