

Rabbit anti-Human PGF Polyclonal Antibody | anti-PGF antibody

PGF Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289782	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

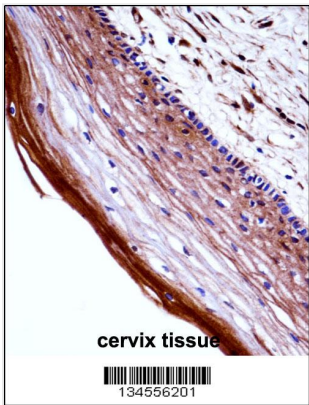
PRODUCT SYNONYMS

PGF; Polyclonal Antibody; PGF Antibody (Center); Placenta growth factor; PIGF; PGFL; PLGF; anti-PGF antibody

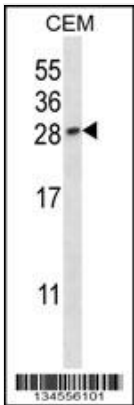
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PGF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-148 amino acids from the Central region of human PGF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	120-148
Sequence Length	149
Applicable Applications for anti-PGF antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PGF Antibody (Center) (AAA289782)immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PGF Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PGF Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the PGF antibody detected the PGF protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PGF antibody	The PGF gene encodes placenta growth factor, a homolog of vascular endothelial growth factor (VEGFA; MIM 192240), that selectively binds to VEGFR1 (FLT1; MIM 165070) and is involved in angiogenesis (Fischer et al., 2007 [PubMed 17981115]; Bais et al., 2010 [PubMed 20371352]).
Product Categories/Family for anti-PGF antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) : Cowans, N.J., et al. Prenat. Diagn. 30(6):565-570(2010) Romero, R., et al. Am. J. Obstet. Gynecol. 202 (5), 431 (2010) : Andersson, M.K., et al. BMC Cancer 10, 249 (2010) : Pan, P., et al. BMC Cell Biol. 11, 36 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033785
NCBI GeneID	5228
NCBI Accession #	NP_001193941.1; NP_002623.2
NCBI GenBank Nucleotide #	NM_001207012.1
UniProt Accession #	P49763; Q07101; Q9BV78; Q9Y6S8
Molecular Weight	24789
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pgf-antibody-immunohistochemistry-western-blot-elisa/289782>