

Datasheet for ABIN727237

anti-PLGF antibody (AA 166-221) (Biotin)



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Overview

Quantity:	100 µL
Target:	PLGF (PGF)
Binding Specificity:	AA 166-221
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLGF antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PLGF
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	PLGF (PGF)
Alternative Name:	PLGF (PGF Products)
Background:	Synonyms: PGFL, PLGF, PIGF-2, D12S1900, SHGC-10760, Placenta growth factor, PGF

Target Details

	Background: Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Isoform PIGF-2 binds NRP1/neuropilin-1 and NRP2/neuropilin-2 in a heparin-dependent manner. Also promotes cell tumor growth.
Gene ID:	5228
UniProt:	P49763
Pathways:	VEGFR1 Specific Signals

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months