

ARG55471 anti-PLGF antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PLGF
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PLGF
Species	Human
Immunogen	Recombinant protein of Human PGF
Conjugation	Un-conjugated
Alternate Names	PGFL; PIGF; PIGF-2; SHGC-10760; Placenta growth factor; D12S1900; PLGF

Application Instructions

Predict Reactivity Note	Rat				
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table>	Application	Dilution	WB	1:500 - 1:2000
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WB	1:500 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Mouse brain				
Observed Size	~ 26 kDa				

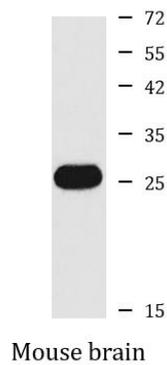
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PGF
Gene Full Name	placental growth factor
Background	This gene encodes a growth factor found in placenta which is homologous to vascular endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]
Function	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. [UniProt]
Highlight	Related products: PLGF antibodies ; PLGF ELISA Kits ; Anti-Rabbit IgG secondary antibodies ; Related news: The role of HDGF in tumor angiogenesis
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody
Calculated Mw	25 kDa
PTM	N-glycosylated.

Images



ARG55471 anti-PLGF antibody WB image

Western blot: Mouse brain lysate stained with ARG55471 anti-PLGF antibody.