

SF20 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57617

Specification

SF20 Polyclonal Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

IHC-P, IHC-F, IF, ICC <u>0969H8</u> Rat, Pig, Dog Rabbit Polyclonal 18795

SF20 Polyclonal Antibody - Additional Information

Gene ID 56005

Other Names

Myeloid-derived growth factor {ECO:0000303|PubMed:25581518, ECO:0000312|HGNC:HGNC:16948}, MYDGF, MYDGF (HGNC:16948)

Dilution

IHC-P~~N/A<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> ICC~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

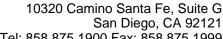
SF20 Polyclonal Antibody - Protein Information

Name MYDGF (HGNC:16948)

Function

Bone marrow-derived monocyte and paracrine-acting protein that promotes cardiac myocyte survival and adaptive angiogenesis for cardiac protection and/or repair after myocardial infarction (MI). Stimulates endothelial cell proliferation through a MAPK1/3-, STAT3- and CCND1-mediated signaling pathway. Inhibits cardiac myocyte apoptosis in a PI3K/AKT-dependent signaling pathway (By similarity). Involved in endothelial cell proliferation and angiogenesis (PubMed:25581518).

Cellular Location



abcepta

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Secreted. Endoplasmic reticulum-Golgi intermediate compartment. Endoplasmic reticulum. Golgi apparatus. Note=The C-terminal RTEL motif may provide retention in the endoplasmic reticulum

Tissue Location

Expressed in eosinophils (at protein level) (PubMed:29954947). Expressed in bone marrow cells (PubMed:25581518) Expressed in synovial tissue. Found in synovial fluid of patients with arthropaties (PubMed:17362502).

SF20 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

SF20 Polyclonal Antibody - Images