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AGGF1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14242a

Specification

AGGF1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8N302

AGGF1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 55109

Other Names
Angiogenic factor with G patch and FHA domains 1, Angiogenic factor VG5Q, hVG5Q, G patch domain-containing protein 7, Vasculogenesis gene on 5q protein, AGGF1, GPATC7, GPATCH7, VG5Q

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AGGF1 Antibody (N-term) Blocking Peptide - Protein Information

Name AGGF1

Synonyms GPATC7, GPATCH7, VG5Q

Function
Promotes angiogenesis and the proliferation of endothelial cells. Able to bind to endothelial cells and promote cell proliferation, suggesting that it may act in an autocrine fashion.

Cellular Location
Cytoplasm. Secreted. Note=Cytoplasmic in microvascular endothelial cells. Upon angiogenesis, when endothelial cell tube formation is initiated, it is secreted

Tissue Location
Widely expressed. Expressed in endothelial cells, vascular smooth muscle cells and osteoblasts. Expressed in umbilical vein endothelial cells and microvascular endothelial cells

AGGF1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

AGGF1 Antibody (N-term) Blocking Peptide - Images

AGGF1 Antibody (N-term) Blocking Peptide - Background

This gene encodes an angiogenic factor that promotesproliferation of endothelial cells. Mutations in this gene areassociated with a susceptibility to Klippel-Trenaunay syndrome.Pseudogenes of this gene are found on chromosomes 3, 4, 10 and 16.

AGGF1 Antibody (N-term) Blocking Peptide - References

Fan, C., et al. J. Biol. Chem. 284(35):23331-23343(2009)Hu, Y., et al. Ann. Hum. Genet. 72 (PT 5), 636-643 (2008) :Gutierrez, S., et al. Am. J. Med. Genet. A 140(24):2832-2833(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Kihiczak, G.G., et al. Int. J. Dermatol. 45(8):883-890(2006)