

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.

AGGF1 Antibody (N-term) Blocking Peptide - Background

This gene encodes an angiogenic factor that promotes proliferation of endothelial cells. Mutations in this gene are associated 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)

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

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

- [Blocking Peptides](#)