

AP45772PU-N**Polyclonal Antibody to AGGF1 / VG5Q - Aff - Purified****Alternate names:**

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

Quantity:

0.1 ml

Background:

The AGGF1 gene encodes a potent angiogenic factor that contains a forkhead-associated domain and a G-patch domain. It is able to bind to endothelial cells and promote cell proliferation, suggesting that it may act in an autocrine fashion. AGGF1 is expressed in endothelial cells, vascular smooth muscle cells and osteoblasts and in addition in umbilical vein endothelial cells and microvascular endothelial cells. Defects in AGGF1 are a cause of Klippel-Trenaunay syndrome (KTS)

Uniprot ID:

[Q8N302](#)

NCBI:

[NP_060516](#)

GeneID:

[55109](#)

Host:

Rabbit

Immunogen:

Synthetic peptide directed towards the middle region of human AGGF1

AA Sequence:

EYEDEKTLKNPKYKDRAGKRREQVGSEGTFRDDAPASVHSEITDSNKGKGR

Format:

State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Purification: Purified using peptide immunoaffinity column

Applications:

Western blotting (0.2 - 1.0 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Species Reactivity:

Tested: Human

Expected from sequence similarity: Mouse, Bovine, Horse, Dog, Pig, Guinea Pig

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

"Identification of an angiogenic factor that when mutated causes susceptibility to Klippel-Trenaunay syndrome." Tian X.-L., Kadaba R., You S.-A., Liu M., Timur A.A., Yang L., Chen Q., Szafranski P., Rao S., Wu L., Housman D.E., DiCorleto P.E., Driscoll D.J., Borrow J., Wang Q. Nature 427:640-645(2004)

Pictures:

Western blotting of human 293T cell lysate using AP45772PU-N AGGF1 antibody

