

For Research Use Only

AGGF1 Polyclonal antibody, PBS Only

Catalog Number: 11889-1-PBS

Featured Product



Basic Information

Catalog Number:

11889-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2497

GenBank Accession Number:

BC029382

GeneID (NCBI):

55109

UNIPROT ID:

Q8N302

Full Name:

angiogenic factor with G patch and

FHA domains 1

Calculated MW:

714 aa, 81 kDa

Observed MW:

84-100 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

The angiogenic factor gene, AGGF1 (or VG5Q), is identified as a candidate susceptibility gene for Klippel-Trenaunay syndrome (KTS) which is a severe congenital disorder characterized by capillary malformations, venous malformations or varicose veins, and hypertrophy of the affected tissues. AGGF1 protein can bind to endothelial cells and promote cell proliferation. AGGF1 shows strong expression in blood vessels and is secreted as vessel formation is initiated. Regulation of AGGF1 by GATA1 may play roles in endothelial cell biology and angiogenesis.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

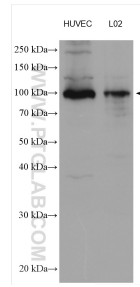
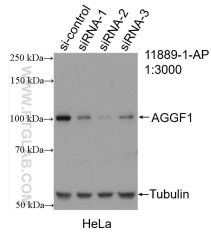
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Selected Validation Data



WB result of AGGF1 antibody (11889-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AGGF1 transfected HeLa cells. This data was developed using the same antibody clone with 11889-1-PBS in a different storage buffer formulation.

Various lysates were subjected to SDS PAGE followed by western blot with 11889-1-AP (AGGF1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11889-1-PBS in a different storage buffer formulation.