For Research Use Only

AGGF1 Polyclonal antibody

Catalog Number: 11889-1-AP

Featured Product

23 Publications



Basic Information

Catalog Number: 11889-1-AP

GenBank Accession Number:

Purification Method: Antigen affinity purification

Size:

GeneID (NCBI):

BC029382

Recommended Dilutions:

150ul, Concentration: 700 ug/ml by

55109

WB 1:1000-1:8000

Nanodrop and 360 ug/ml by Bradford $\,$ UNIPROT ID:

Q8N302

WB: HUVEC cells, HeLa cells, LO2 cells

method using BSA as the standard;

Source: Full Name:

Rabbit angiogenic factor with G patch and

Isotype:

FHA domains 1 Calculated MW:

Immunogen Catalog Number: AG2497

714 aa, 81 kDa

Observed MW: 84-100 kDa

Applications

Tested Applications:

WB, ELISA

Positive Controls:

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, zebrafish, macaque, rhesus

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Lu Qiulun Q	23110058	PLoS One	WB,IHC
Jing Shao	27865839	Biochem Biophys Res Commun	WB
Jinyan Zhao	35608889	FASEBJ	WB,IF

Storage

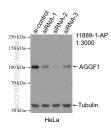
Store at -20°C. Stable for one year after shipment.

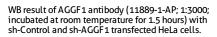
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

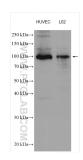
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

Selected Validation Data







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.