

## AGGF1 Polyclonal Antibody

Catalog number: 11889-1-AP

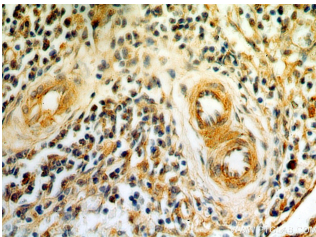
Size: 40 µg/150 µl

Source: Rabbit

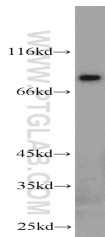
Isotype: IgG

Synonyms:

AGGF1; AGGF1, Angiogenic factor VG5Q, FLJ10283, GPATC7, GPATCH7, HSU84971, HUS84971, hVG5Q, VG5Q



Immunohistochemical of paraffin-embedded human spleen using 11889-1-AP (AGGF1 antibody) at dilution of 1:25 (under 40x lens)



mouse liver tissue were subjected to SDS PAGE followed by western blot with 11889-1-AP (AGGF1 antibody) at dilution of 1:1000

### Background

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.

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated AGGF1 MW:	714aa, 81 kDa
Observed AGGF1 MW:	84-100 kDa
Positive WB detected in	Mouse liver tissue, HEK-293 cells, HeLa cells, rat liver tissue
Positive IHC detected in	Human spleen tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2497
GenBank accession number:	BC029382
Gene ID (NCBI):	55109
Full name:	Angiogenic factor with G patch and FHA domains 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.