

For Research Use Only

# AGGF1 Recombinant antibody

Catalog Number: 84715-4-RR



## Basic Information

<b>Catalog Number:</b> 84715-4-RR	<b>GenBank Accession Number:</b> BC029382	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 55109	<b>CloneNo.:</b> 242264F4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N302	<b>Recommended Dilutions:</b> IF/ICC 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> angiogenic factor with G patch and FHA domains 1	
<b>Immunogen Catalog Number:</b> AG2497	<b>Calculated MW:</b> 714 aa, 81 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human	

## 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

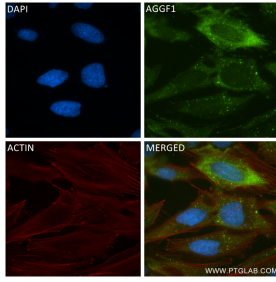
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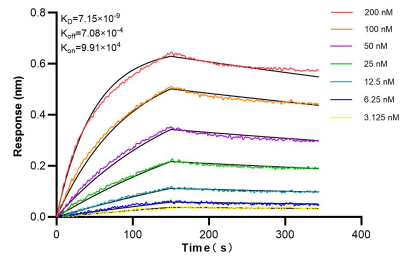
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AGGF1 antibody (84715-4-RR, Clone: 242264F4) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84715-4-RR against Human AGGF1 were performed. The affinity constant is 7.15 nM.