

For Research Use Only

AGGF1 Recombinant antibody

Catalog Number:84715-3-RR



Basic Information

Catalog Number: 84715-3-RR	GenBank Accession Number: BC029382	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55109	CloneNo.: 242264E9
Source: Rabbit	UNIPROT ID: Q8N302	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG	Full Name: angiogenic factor with G patch and FHA domains 1	
Immunogen Catalog Number: AG2497	Calculated MW: 714 aa, 81 kDa	
	Observed MW: 84-100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, HCT 116 cells, HeLa cells, L02 cells
Species Specificity: 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

*** 20ul sizes contain 0.1% BSA

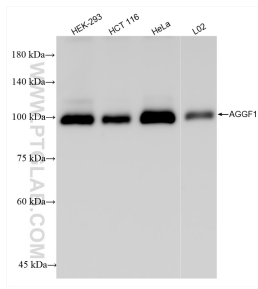
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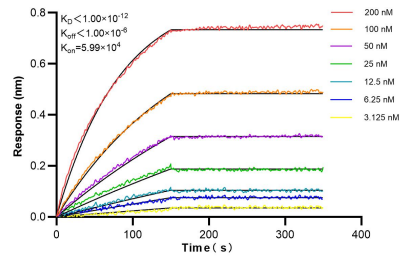
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84715-3-RR (AGGF1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84715-3-RR against Human AGGF1 were performed. The affinity constant is below 1 pM.