

Anti-AGGF1 antibody ab203680

[2 References](#) [1 Image](#)

Overview

Product name	Anti-AGGF1 antibody
Description	Rabbit polyclonal to AGGF1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide within Human AGGF1 aa 450-550 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q8N302

 [Run BLAST with](#)

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General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab203680 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/1000. Predicted molecular weight: 81 kDa.

Target

Function

Promotes angiogenesis and the proliferation of endothelial cells. Able to bind to endothelial cells and promote cell proliferation, suggesting that it may act in an autocrine fashion.

Tissue specificity

Widely expressed. Expressed in endothelial cells, vascular smooth muscle cells and osteoblasts. Expressed in umbilical vein endothelial cells and microvascular endothelial cells.

Involvement in disease

Defects in AGGF1 are a cause of Klippel-Trenaunay syndrome (KTS) [MIM:149000]. KTS is a congenital disease characterized by malformations of capillary (98% of KTS patients), venous (72%) and lymphatic (11%) vessels, and bony and soft tissue hypertrophy that leads to large cutaneous hemangiomas with hypertrophy of the related bones and soft tissues.

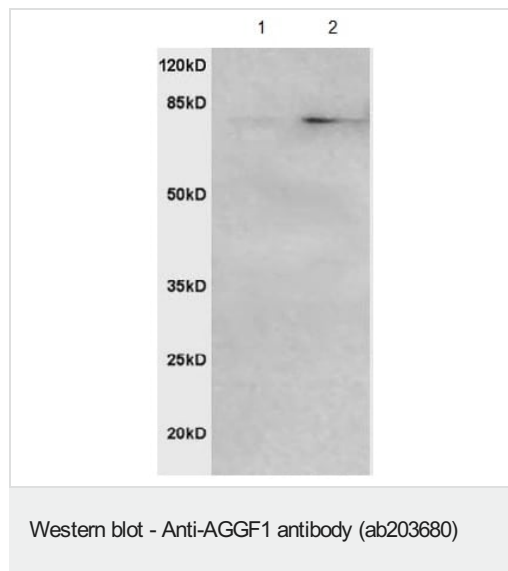
Sequence similarities

Contains 1 FHA domain.
Contains 1 G-patch domain.

Cellular localization

Cytoplasm. Secreted. Cytoplasmic in microvascular endothelial cells. Upon angiogenesis, when endothelial cell tube formation is initiated, it is secreted.

Images



All lanes : Anti-AGGF1 antibody (ab203680) at 1/200 dilution

Lane 1 : Mouse liver tissue lysate

Lane 2 : Mouse intestine tissue lysate

Secondary

All lanes : Goat Anti-Rabbit IgG Antibody (H+L), HRP Conjugated at 1/3000 dilution

Predicted band size: 81 kDa

12% SDS PAGE

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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