

Rabbit AGGF1 Polyclonal Antibody | anti-AGGF1 antibody

AGGF1 Antibody

CATALOG # AAA322935	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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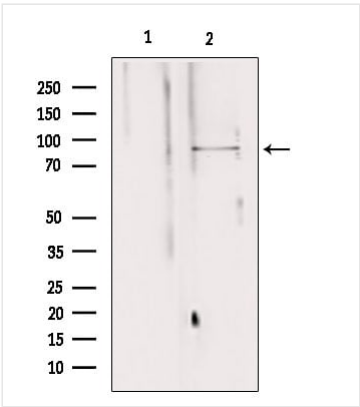
PRODUCT SYNONYMS

AGGF1; Polyclonal Antibody; AGGF1 Antibody; AGGF 1; Aggf1; AGGF1_HUMAN; Angiogenic factor VG5Q; Angiogenic factor with G patch and FHA domains 1; G patch domain containing protein 7; G patch domain-containing protein 7; GPATC 7; GPATC7; GPATCH 7; GPATCH7; HSU84971; HUS84971; hVG5Q; Vasculogenesis gene on 5q; Vasculogenesis gene on 5q protein; VG5Q; anti-AGGF1 antibody

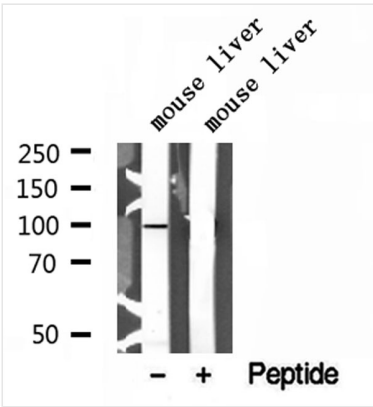
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AGGF1 antibody detects endogenous levels of AGGF1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	714
Applicable Applications for anti-AGGF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AGGF1.
Subcellular Location	Cytoplasm. Secreted. Cytoplasmic in microvascular endothelial cells. Upon angiogenesis, when endothelial cell tube formation is initiated, it is secreted.
Tissue Specificity	Widely expressed. Expressed in endothelial cells, vascular smooth muscle cells and osteoblasts. Expressed in umbilical vein endothelial cells and microvascular endothelial cells.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (80%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (90%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

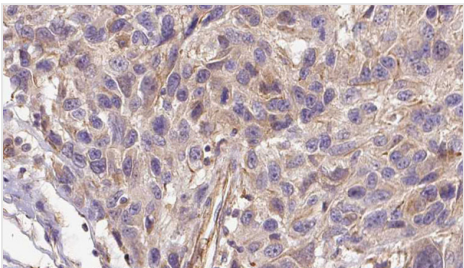
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293, using AGGF1 antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)
Western blot analysis of extracts of mouse liver tissue, using AGGF1 antibody.



IHC (Immunohistochemistry)
AAA322935 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-AGGF1 antibody

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.
Subunit Structure: Interacts with the secreted angiogenic factor TNFSF12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39725952
NCBI GeneID	55109
NCBI Accession #	NP_060516.2
NCBI GenBank Nucleotide #	NM_018046.4
UniProt Accession #	Q8N302; O00581; Q53YS3; Q9BU84; Q9NW66
Molecular Weight	Observed: 84-100 kDa Predicted: 81 kDa
NCBI Official Full Name	angiogenic factor with G patch and FHA domains 1
NCBI Official Synonym Full Names	angiogenic factor with G-patch and FHA domains 1
NCBI Official Symbol	AGGF1
NCBI Official Synonym Symbols	VG5Q; GPATC7; GPATCH7; HSU84971; HUS84971
NCBI Protein Information	angiogenic factor with G patch and FHA domains 1

UniProt Protein Name	Angiogenic factor with G patch and FHA domains 1
UniProt Gene Name	AGGF1
UniProt Synonym Gene Names	GPATC7; GPATCH7; VG5Q; hVG5Q

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aggf1-antibody-immunohistochemistry-western-blot-elisa/322935>