

Datasheet for ABIN2192168 **anti-AGGF1 antibody**

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Overview

Quantity:	100 µg
Target:	AGGF1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGGF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoassay (IA)

Product Details

Sterility:	0.2 µm filtered
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Target Details

Target:	AGGF1
Alternative Name:	Vg5q (AGGF1 Products)
Background:	The polyclonal antibody reacts with mouse VG5Q, a 84 kDa protein. VG5Q functions as an angiogenic factor in promoting angiogenesis and suppression of VG5Q expression inhibits vessel formation. Angiogenic factors are critical to the initiation of angiogenesis and maintenance of the vascular network. Angiogenesis has an essential role in pathological conditions such as cancer and various ischaemic and inflammatory diseases. VG5Q can bind to endothelial cells and promote cell proliferation, suggesting that the protein may act in an autocrine fashion. VG5Q interacts with TWEAK (also known as TNFSF12), another secreted

Target Details

angiogenic factor. VG5Q shows strong expression in blood vessels and is secreted when vessel formation is initiated. VG5Q protein was detected mostly in the cytoplasm and around the nuclei of human microvascular endothelial cells (HMVECs). Furthermore VG5Q is detected in human umbilical vein endothelial cells (HUVECs), human heart fibroblast (HHF) and ovarian cancer cells (OV-3), but low expression was detected in kidney cancer cells (RP-45), HeLa Cells and bladder cancer cells.

Application Details

Application Notes:	For Western blotting and immunohistology dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.
Restrictions:	For Research Use only

Handling

Buffer:	PBS, containing 0.02 % sodium azide and 0.1 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.
Expiry Date:	12 months