Datasheet for ABIN1105264

anti-AGGF1 antibody

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Overview

Quantity:	0.1 mg
Target:	AGGF1
Reactivity:	Human
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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	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 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.

Product Details

Isotype:	IgG
Specificity:	The antibody reacts with human VG5Q, a 84 kDa protein.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A

Target Details

Target:	AGGF1
Alternative Name:	AGGF1 / VG5Q (AGGF1 Products)
Background:	Synonyms: Angiogenic factor VG5Q, Angiogenic factor with G patch and FHA domains 1, G patch domain-containing protein 7, GPATC7, GPATCH7, Vasculogenesis gene on 5q protein
Gene ID:	55109
NCBI Accession:	NP_060516
UniProt:	Q8N302

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	PBS, 0.02 % sodium azide, 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:	Store at 2 - 8 °C.