

## VASH1 Antibody

Catalog No: #35319



Package Size: #35319-1 50ul #35319-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

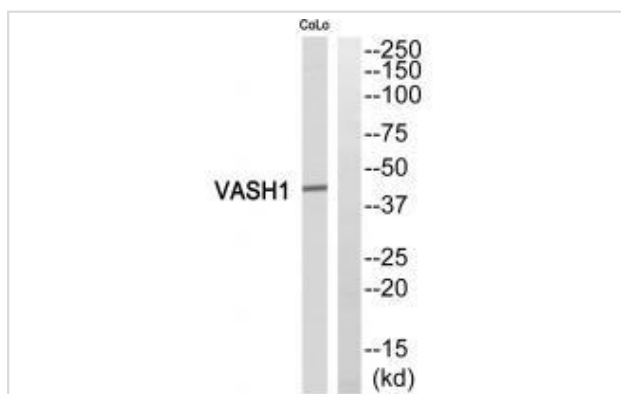
## Description

Product Name	VASH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VASH1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human VASH1.
Target Name	VASH1
Other Names	Vasohibin-1; VASH1; KIAA1036; VASH;
Accession No.	Swiss-Prot: Q7L8A9NCBI Gene ID: 22846
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from COLO205 cells, using VASH1 antibody #35319.

## Background

Angiogenesis inhibitor. Inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis. This inhibitory effect is

selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts. Does not affect the proliferation of cancer cells in vitro, but inhibits tumor growth and tumor angiogenesis. Acts in an autocrine manner. Inhibits artery neointimal formation and macrophage infiltration. Exhibits heparin-binding activity.

Kikuno R., DNA Res. 6:197-205(1999).

Bechtel S., BMC Genomics 8:399-399(2007).

Heilig R., Nature 421:601-607(2003).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.