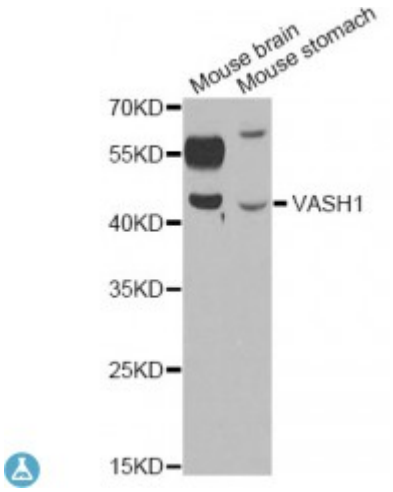
Anti-VASH1 Antibody



Model	STJ114443
Host	Rabbit
Reactivity	Human, Mouse
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-365 of human VASH1 (NP_055724.1).
Gene ID	22846
Gene Symbol	VASH1
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Tissue Specificity	Preferentially expressed in endothelial cells, Highly expressed in fetal organs, Expressed in brain and placenta, and at lower level in heart and kidney, Highly detected in microvessels endothelial cells of atherosclerotic lesions
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Vasohibin-1
Molecular Weight	40.957 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:19964OMIM:609011
Alternative Names	Vasohibin-1
Function	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,
Cellular Localization	Secreted
Post-translational Modifications	2 major forms (42 and 36 kDa) and 2 minors (32 and 27 kDa) may be processed by proteolytic cleavage, The largest form (42 kDa) seems to be secreted and the other major form (63 kDa) seems to accumulate within the cells or pericellular milieu, Polypeptide consisting of Met-77 to Arg-318 may correspond to the 27 kDa form and that consisting of Met-77 to Val-365 may correspond to the 36 kDa form,

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