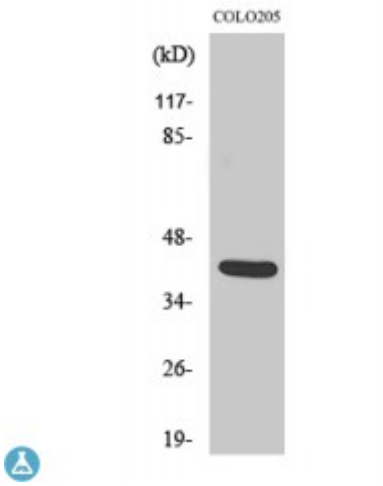
Anti-Vasohibin antibody



Description	Rabbit polyclonal to Vasohibin.

Model	STJ96218
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Vasohibin
Immunogen Region	230-310 aa, Internal
Gene ID	22846
Gene Symbol	VASH1
Dilution range	WB 1:500-1:2000ELISA 1:40000
Specificity	Vasohibin Polyclonal Antibody detects endogenous levels of Vasohibin protein.
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	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Vasohibin-1
Molecular Weight	40 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat 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. Ubiquitinated in vitro.