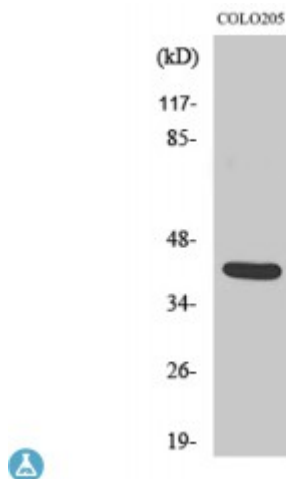


## Anti-Vasohibin antibody



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

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:19964OMIM:609011</a>
<b>Alternative Names</b>	Vasohibin-1
<b>Function</b>	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.
<b>Cellular Localization</b>	Secreted
<b>Post-translational Modifications</b>	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.