Human Vasohibin Isoform 1 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3319

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Vasohibin Isoform 1 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Vasohibin Isoform 1 Pro2-Val365 Accession # Q7L8A9
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Human Vasohibin Isoform 1

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Vasohibin is a secreted endothelium-derived negative feedback regulator of angiogenesis whose expression in endothelial cells is induced by proangiogenic growth factors such as VEGF and FGF-2. It is synthesized as a 365 amino acid residue protein that lacks a canonical signal peptide. As a result of proteolytic cleavage, multiple distinct molecular weight forms can be detected when Vasohibin is expressed on endothelial cells. Human and mouse Vasohibin share 93% amino acid sequence identity. Two splice variants of human Vasohibin have been reported.

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