

Anti-Vasohibin 1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 41 kDa. Actual: 41 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: liver (Rat) lysate at 30 µg; Primary: Anti-alpha-Actinin-4 (TMAB-14049) at 1: 200 dilution; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1:3000 dilution; Predicted band size: 40 kD Observed band size: 40 kD
	2. Sample: A431 (Human) Cell Lysate at 30 µg Primary: Anti-Vasohibin 1 (TMAB-14049) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 41 kD
	Application: WB
	Recommended WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human VASH1
Antigen Species:	Human
Gene ID:	22846
Uniprot ID:	Q7L8A9

Research Background

VASH1 is a angiogenesis inhibitor. It 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. It does not affect the proliferation of cancer cells in vitro, but inhibits tumor growth and tumor angiogenesis and acts in an autocrine manner. VASH1 also inhibits artery neointimal formation and macrophage infiltration and exhibits heparin-binding activity. There are two named isoforms.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481