VASH1 Rabbit Polyclonal Antibody

Catalog #: EAB11884

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IHC-P, ELISA	41	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IHC-P(Immunohistochemistry-Paraffin)	1:50-300
ELISA(Enzyme-linked Immunosorbent Assay)	1:5000-20000

Product Information

Conjugate	Unconjugate
Specificity	VASH1 Rabbit Polyclonal Antibody detects endogenous levels of VASH1 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	Q7L8A9
Entrez-Gene ID	22846

Product Descriotion

VASH1(Vasohibin 1) also known as TTCP1 plays a crucial role in regulating angiogenesis, which is essential for normal physiological processes such as wound healing and tissue repair, as well as in pathological conditions like cancer. This secreted protein is primarily expressed in endothelial cells, particularly in brain and placental tissues, where VASH1 is involved in a self-regulating feedback mechanism that inhibits angiogenesis in an autocrine manner. By inhibiting endothelial cell proliferation, migration, and network formation, VASH1 serves as a critical endogenous inhibitor that balances effects of pro-angiogenic factors like vascular endothelial growth factor (VEGF) and fibroblast growth factor 2.