

Product datasheet for **TA319837**

VASH1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	VASH1 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human VASH1.
Formulation:	VASH1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	VASH1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	vasohibin 1
Database Link:	NP_055724 Entrez Gene 238328 Mouse Entrez Gene 503052 Rat Entrez Gene 22846 Human Q7L8A9
Background:	VASH1 Antibody: VASH1 was originally identified as an endothelium-derived vascular endothelial growth factor (VEGF)-inducible angiogenesis inhibitor that acts in a negative feedback manner. VASH1 mRNA is expressed brain, heart, kidney and placenta in the adult, with robust expression in various organs during embryonic development. VASH1 expression in tumor cells and tumor vasculature is silenced by methylation by increased expression of Zeste homolog 2 (EZH2). The increase of EZH2 expression is induced by VEGF stimulation, leading to poor clinical prognosis. Recombinant adenovirus expressing VASH prevented tumor angiogenesis and inhibited tumor growth, suggesting that it may be a potentially valuable antitumor therapy in the clinic.

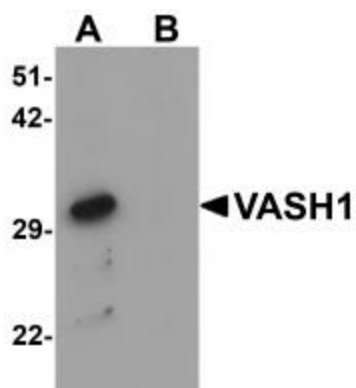


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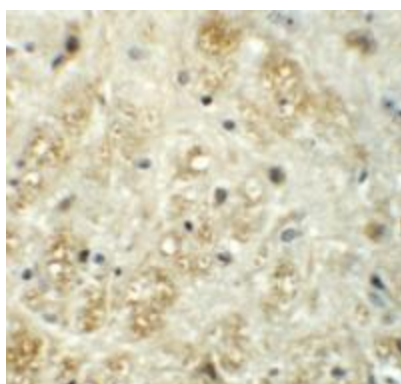
Synonyms: KIAA1036

Protein Families: Secreted Protein

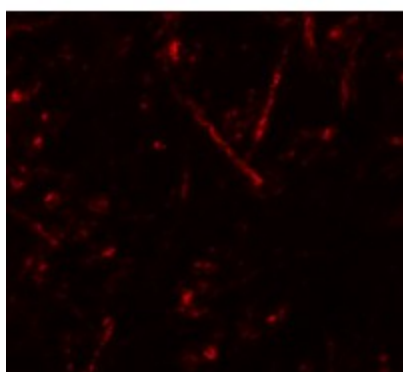
Product images:



Western blot analysis of VASH1 in human brain tissue lysate with VASH1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of VASH1 in mouse brain tissue with VASH1 antibody at 5 ug/mL.



Immunofluorescence of VASH1 in mouse brain tissue with VASH1 antibody at 20 ug/mL.