

Rabbit VASH1 Polyclonal Antibody | anti-VASH1 antibody

VASH1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39343	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

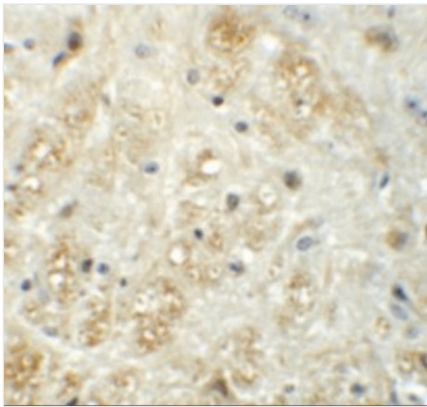
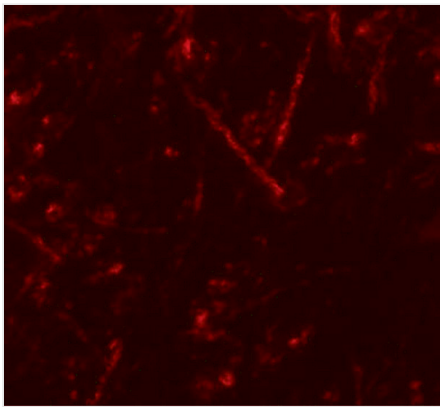
PRODUCT SYNONYMS

VASH1; Polyclonal Antibody; VASH1 Antibody; KIAA1036; VASH; Vasohibin-1; vasohibin 1; anti-VASH1 antibody

PRODUCT SPECIFICATIONS

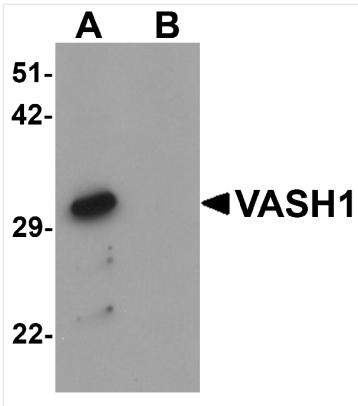
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	VASH1 antibody is predicted to not cross-react with other vasohibin protein family members. At least two isoforms are known to exist; this antibody will recognize only the long isoform.
Purity/Purification	VASH1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	365
Applicable Applications for anti-VASH1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	VASH1 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human VASH1.
Buffer	VASH1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	VASH1 antibody can be stored at 4 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of VASH1 in mouse brain tissue with VASH1 antibody at 20 µg/mL.

IHC (Immunohistochemistry)
Immunohistochemistry of VASH1 in mouse brain tissue with VASH1 antibody at 5 µg/mL.



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

ADDITIONAL INFORMATION

Related Product Information for anti-VASH1 antibody	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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NCBI AND UNIPROT INFORMATION

NCBI GI #	7662454
NCBI GeneID	22846
NCBI Accession #	NP_055724
NCBI GenBank Nucleotide #	NM_014909.4
UniProt Accession #	Q7L8A9; Q96H02; Q9UBF4; Q9Y629
Molecular Weight	21,845 Da
NCBI Official Full Name	vasohibin-1
NCBI Official Synonym Full Names	vasohibin 1

NCBI Official Symbol	VASH1
NCBI Official Synonym Symbols	KIAA1036
NCBI Protein Information	vasohibin-1
UniProt Protein Name	Vasohibin-1
UniProt Gene Name	VASH1
UniProt Synonym Gene Names	KIAA1036; VASH
UniProt Entry Name	VASH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vash1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39343>