

VASH2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13956b**Specification**

VASH2 Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	Q86V25
Other Accession	Q8C5G2 , NP_001129946.1 , NP_079025.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40450
Antigen Region	216-245

VASH2 Antibody (C-term) - Additional Information**Gene ID** 79805**Other Names**

Vasohibin-2, Vasohibin-like protein, VASH2, VASHL

Target/Specificity

This VASH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 216-245 amino acids from the C-terminal region of human VASH2.

Dilution

WB~~1:1000

FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

VASH2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

VASH2 Antibody (C-term) - Protein Information**Name** VASH2 ([HGNC:25723](#))**Synonyms** VASHL

Function Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:[29146869](#)). Critical for spindle function and accurate chromosome segregation during mitosis since microtubule detyronisation regulates mitotic spindle length and positioning (PubMed:[31171830](#)). Acts as an activator of angiogenesis: expressed in infiltrating mononuclear cells in the sprouting front to promote angiogenesis (PubMed:[19204325](#)). Plays a role in axon formation (PubMed:[31235911](#)).

Cellular Location

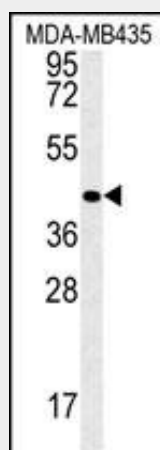
Cytoplasm. Secreted. Cytoplasm, cytoskeleton. Note=Mainly localizes in the cytoplasm (PubMed:19204325). Some fraction is secreted via a non-canonical secretion system; interaction with SVBP promotes secretion (PubMed:20736312). Associates with microtubules (PubMed:31235911)

VASH2 Antibody (C-term) - Protocols

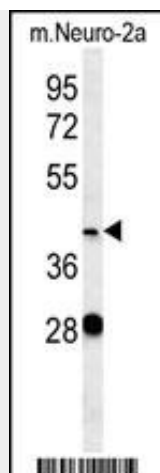
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

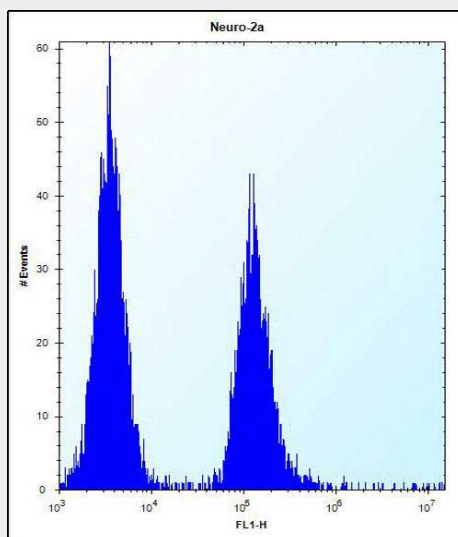
VASH2 Antibody (C-term) - Images



VASH2 Antibody (C-term) (Cat. #AP13956b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the VASH2 antibody detected the VASH2 protein (arrow).



VASH2 Antibody (C-term) (Cat. #AP13956b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the VASH2 antibody detected the VASH2 protein (arrow).



VASH2 Antibody (C-term) (Cat. #AP13956b) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

VASH2 Antibody (C-term) - Background

VASH2 is an angiogenesis inhibitor. It inhibits network formation by endothelial cells.

VASH2 Antibody (C-term) - References

Kimura, H., et al. Blood 113(19):4810-4818(2009)
Shibuya, T., et al. Arterioscler. Thromb. Vasc. Biol. 26(5):1051-1057(2006)