

For Research Use Only

VASH2 Polyclonal antibody

Catalog Number: 13303-1-AP



Basic Information

Catalog Number: 13303-1-AP	GenBank Accession Number: BC028194	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 79805	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: vasohibin 2	
Isotype: IgG	Calculated MW: 355 aa, 40 kDa	
Immunogen Catalog Number: AG4121	Observed MW: 30-34 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HUVEC cells, LO2 cells, PC-12 cells

IHC : human stomach cancer tissue, human liver cancer tissue

IF : A549 cells,

Background Information

VASH2, also named as vasohibin 2, is an important pro-angiogenesis factor in solid tumor. It has been reported that VASH2 is expressed in mononuclear cells mobilized from bone marrow to promote angiogenesis. VASH2 also plays a key role in axon formation. VASH2 is localized as a nuclear type (with 311 amino acid residues) and cytoplasmic type (with 355 amino acid residues and low abundance). Cytoplasmic VASH2 is associated with carcinoma angiogenesis, while nuclear VASH2 may be associated with cell proliferation. This antibody recognizes both the nuclear and cytoplasmic isoforms. (PMID:23615928; 19204325; 31235911; 26177649)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

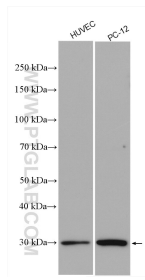
For technical support and original validation data for this product please contact:

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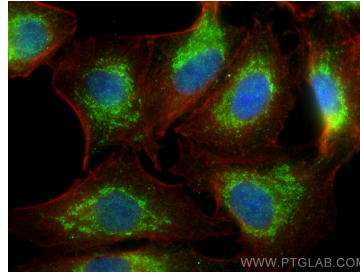
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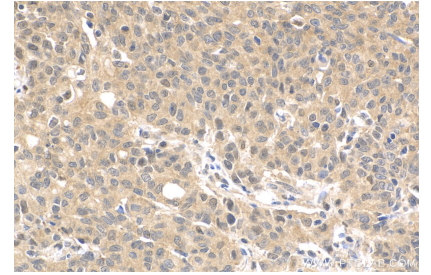
Selected Validation Data



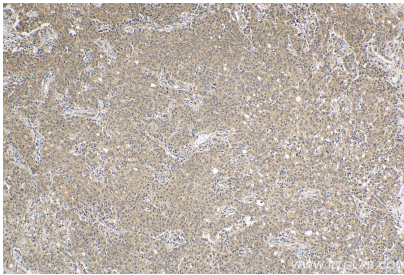
Various lysates were subjected to SDS PAGE followed by western blot with 13303-1-AP (VASH2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using VASH2 antibody (13303-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13303-1-AP (VASH2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13303-1-AP (VASH2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).